

## Excellent Integrated System Limited

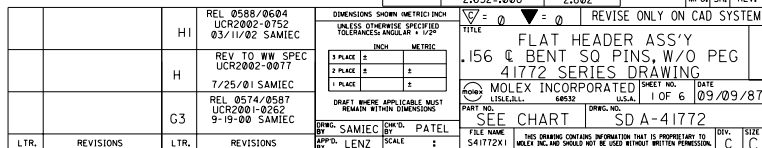
Stocking Distributor

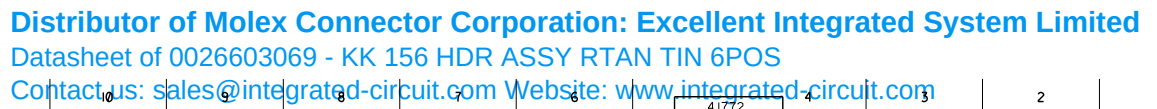
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0026603069](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)





| Electronic Components                                                    |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|--------------------------------------------------------------------------|-----------------|------------------|---------|------------------|-----------------|----------------|-----------------|-----------------|----------------|--------|-----------------|-----------|--------------------------|
| ENG. NO.                                                                 | HEADER NO.      | PIN NO.          | PLATING | DIM. L           | DIM. X          | DIM. G<br>GOLD | DIM. Y          | DIM. Z          | DIM. T<br>TIN  | DIM. W | NO - OF<br>CKTS | VOID CKTS | PACKAGING                |
| A-41772-0368/0377                                                        | 41770-0009/0018 | 2161 -16(102)    | 102     | (25.40)<br>1.000 | (14.86)<br>.585 | ( )<br>N/A     | (4.95 )<br>.195 | (3.56 )<br>.140 | ( )<br>OVERALL | 90°    | 9-18            | 9         | BULK PER<br>PK-41772-002 |
| A-41772-0378/0394                                                        | 41770-0002/0018 | 2161 --56(102) * | 102     | (17.86)<br>.703  | (5.94 )<br>.234 | ( )<br>N/A     | (4.90 )<br>.193 | (4.45 )<br>.175 | ( )<br>OVERALL | 90°    | 2-18            |           | BULK PER<br>PK-41772-001 |
| A-41772-0412/0428                                                        | 41770-0002/0018 | 2161 -63(102) *  | 102     | (24.38)<br>.960  | (15.06)<br>.593 | ( )<br>N/A     | (2.71 )<br>.107 | (4.06 )<br>.160 | ( )<br>OVERALL | 90°    | 2-18            |           | BULK PER<br>PK-41772-001 |
| A-41772-0429/0445                                                        | 41770-0002/0018 | 2161 -67(102) *  | 102     | (18.69)<br>.736  | (10.48)<br>.413 | ( )<br>N/A     | (2.71 )<br>.107 | (2.92 )<br>.115 | ( )<br>OVERALL | 90°    | 2-18            |           | BULK PER<br>PK-41772-001 |
| A-41772-0446/0462                                                        | 41770-0002/0018 | 2161 -2(1501)    | 501     | (28.57)<br>1.125 | (17.60)<br>.693 | ( )<br>OVERALL | (4.95 )<br>.195 | (3.99 )<br>.157 | ( )<br>N/A     | 90°    | 2-18            |           | BULK PER<br>PK-41772-002 |
| A-41772-0531/0547                                                        | 41770-0002/0018 | 2161 -62(102)    | 102     | (24.89)<br>.980  | (14.86)<br>.585 | ( )<br>N/A     | (4.95 )<br>.195 | (3.05 )<br>.120 | ( )<br>OVERALL | 90°    | 2-18            |           | BULK PER<br>PK-41772-002 |
| • ON ASSEMBLIES A-41772-0378 / -0445 THE PIN BEND RADIUS IS TO BE .045 R |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |
|                                                                          |                 |                  |         |                  |                 |                |                 |                 |                |        |                 |           |                          |