



**Distributor of Molex Connector Corporation: Excellent Integrated System Limited**  
Datasheet of 0009624147 - Connector Receptacle 14 Position 0.156" (3.96mm) Gold Through Hole, Right Angle

Contact us: [sales@integrated-circuit.com](mailto:sales@integrated-circuit.com) Website: [www.integrated-circuit.com](http://www.integrated-circuit.com)

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## Excellent Integrated System Limited

Stocking Distributor

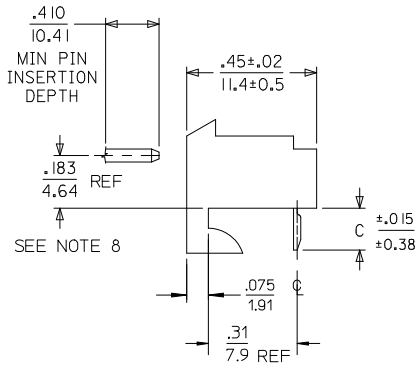
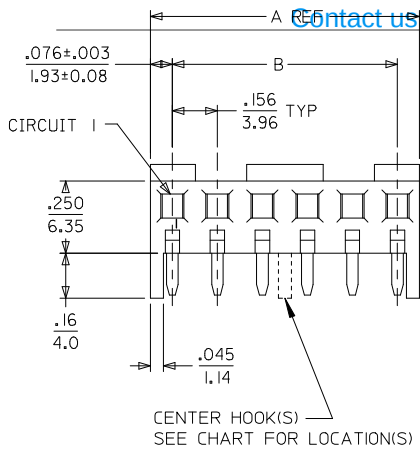
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Molex Connector Corporation](#)  
[0009624147](#)

For any questions, you can email us directly:

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

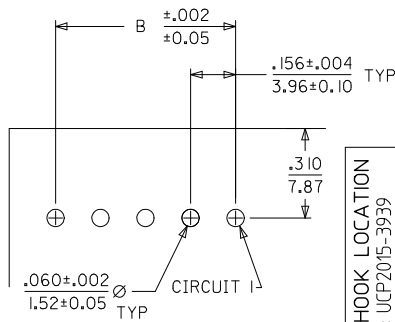
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**NOTES:**

1. HOUSING MATERIAL: NYLON, UL 94V-2
2. FINISH:  
(197) OVERALL REFLOWED MATTE TIN: .000152/.000060 MIN. OVER .000127/.000050 MIN. NICKEL OVERALL.  
(208) SELECT GOLD: .000015/.000038 MIN. SELECT TIN: .000100/.000254 MIN. OVERALL NICKEL UNDERPLATE: .000050/.000127 MIN.  
(909) OVERALL HOT TIN DIP: .000100/.000254 MIN.
3. PRODUCT SPECIFICATION: PS-08-50
4. PACKAGING INFO: SEE CHARTS.
5. SOLDERABILITY SPECIFICATION: SMES-152.
6. TOP ENTRY OPTIONS: SEE DRAWING SDA-2145-002.
7. BOTTOM ENTRY OPTIONS: SEE DRAWING SDA-2145-003
8. .183/4.64 DIMENSION IS BOTTOM OF HOUSING TO CENTER OF MATING PIN AND DOES NOT REFLECT CENTER OF THE CONNECTOR HOUSING WINDOW DIMENSION.
9. THIS PART CONFORMS TO CLASS B REQUIREMENTS OF COSMETIC SPECIFICATION.

| CKT. | A              | B                        | CENTER HOOK(S)<br>LOCATED BETWEEN<br>CIRCUITS |
|------|----------------|--------------------------|-----------------------------------------------|
| 02   | .308<br>7.82   | .156±.005<br>3.96±0.13   | NONE                                          |
| 03   | .464<br>11.79  | .312±.005<br>7.92±0.13   | NONE                                          |
| 04   | .620<br>15.75  | .468±.005<br>11.89±0.13  | NONE                                          |
| 05   | .776<br>19.71  | .624±.005<br>15.85±0.13  | NONE                                          |
| 06   | .932<br>23.67  | .780±.005<br>19.81±0.13  | NONE                                          |
| 07   | 1.088<br>27.64 | .936±.010<br>23.77±0.25  | NONE                                          |
| 08   | 1.244<br>31.60 | 1.092±.010<br>27.74±0.25 | 4 & 5                                         |
| 09   | 1.400<br>35.56 | 1.248±.010<br>31.70±0.25 | 4 & 5                                         |
| 10   | 1.556<br>39.52 | 1.404±.010<br>35.66±0.25 | 5 & 6                                         |
| 11   | 1.712<br>43.48 | 1.560±.010<br>39.62±0.25 | 5 & 6                                         |
| 12   | 1.868<br>47.45 | 1.716±.010<br>43.59±0.25 | 4 & 5,<br>8 & 9                               |
| 13   | 2.024<br>51.41 | 1.872±.010<br>47.55±0.25 | 6 & 7,<br>11 & 12                             |
| 14   | 2.180<br>55.37 | 2.028±.014<br>51.51±0.36 | 5 & 6,<br>9 & 10                              |
| 15   | 2.336<br>59.33 | 2.184±.014<br>55.47±0.36 | 5 & 6,<br>10 & 11                             |



PCB LAYOUT: COMPONENT SIDE  
RECOMMENDED PCB THICKNESS: .062/1.57

| ADD HOOK LOCATION   | DESCRIPTION |
|---------------------|-------------|
| EC NO: UCP2015-3939 |             |
| DRWN:MK/PPER        | 2015/03/25  |
| CHKD:NGUYEN         | 2015/03/25  |
| APPR:FSM/TH         | 2015/03/27  |
| REV                 |             |
| AA1                 |             |

| QUALITY SYMBOLS |
|-----------------|
| ▽=0             |
| ▽=0             |
| ▽=0             |

| GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |        |
|------------------------------------------------------------|--------|
|                                                            | mm     |
| 4 PLACES                                                   | ± .005 |
| 3 PLACES                                                   | ± .010 |
| 2 PLACES                                                   | ± .015 |
| 1 PLACE                                                    | ± .038 |
| 0 PLACE                                                    | ± .076 |
| ANGULAR ±1/2°                                              |        |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |

| DIMENSION STYLE<br>IN/MM |          |
|--------------------------|----------|
| DRAWN BY                 | DATE     |
| SAMIEC                   |          |
| CHECKED BY               | DATE     |
| SAMIEC                   | 98/10/09 |
| APPROVED BY              | DATE     |
| MARGULIS                 |          |
| MATERIAL NO.             |          |
| SEE CHART                |          |
| SIZE                     | A        |

| SCALE                                | DESIGN UNITS<br>INCH | THIRD ANGLE<br>PROJECTION |
|--------------------------------------|----------------------|---------------------------|
|                                      |                      |                           |
| TITLE                                |                      |                           |
| KK 156 PCB ASSY<br>RIGHT ANGLE ENTRY |                      |                           |
| <b>molex</b>                         |                      |                           |
| DOCUMENT NO.                         | SDA-2145-001         |                           |
| SHEET NO.                            |                      | 1 OF *                    |