

## Excellent Integrated System Limited

Stocking Distributor

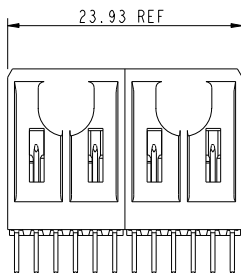
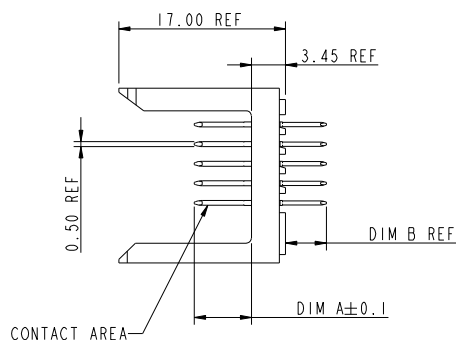
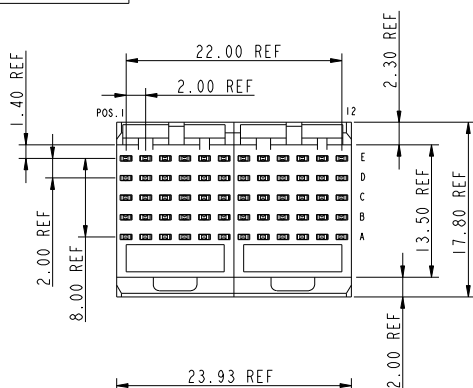
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[FCI](#)  
[10083182-110LF](#)

For any questions, you can email us directly:

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

PRODUCT NUMBER  
10083182-XYLF



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| mat'l code  |                |      |            | tolerances unless<br>otherwise specified |                       | CUSTOMER   |                    |
|-------------|----------------|------|------------|------------------------------------------|-----------------------|------------|--------------------|
| ltr         | ecn no.        | dr   | date       |                                          | 0.X ± 0.3             | COPY       |                    |
| A           | DG07-0409      | Cenh | 2007-10-15 | linear                                   | 0.XX ± 0.13           | projection | www.fciconnect.com |
| B           | DG07-0480      | Cenh | 2007-11-29 |                                          | .XXX ± .051           |            |                    |
| -           | -              | -    | -          | angles                                   | 0° ± 2°               |            |                    |
| -           | -              | -    | -          | dr                                       | Heaven Ces 10/15/07   |            |                    |
| -           | -              | -    | -          | engr                                     | Collins Lu 10/15/07   |            |                    |
| -           | -              | -    | -          | chr                                      | Gary Hsieh 10/15/07   |            |                    |
| -           | -              | -    | -          | appd                                     | Joseph Hsiao 10/15/07 |            |                    |
| sheet index | revision sheet | B 1  | B 2        | B 3                                      |                       | scale      |                    |

CUSTOMER



www.fciconnect.com

COPY

projection

MM

scale

2:1

size

A

dwg no

10083182

code

213

sheet

1 of 3

product family

METRAL

title

METRAL SIGNAL HEADER 2 MOD.

5 ROW STB WITHOUT PLASTIC POSTS

cage code

22526

Pro/E

3

4

PDM: Rev:B

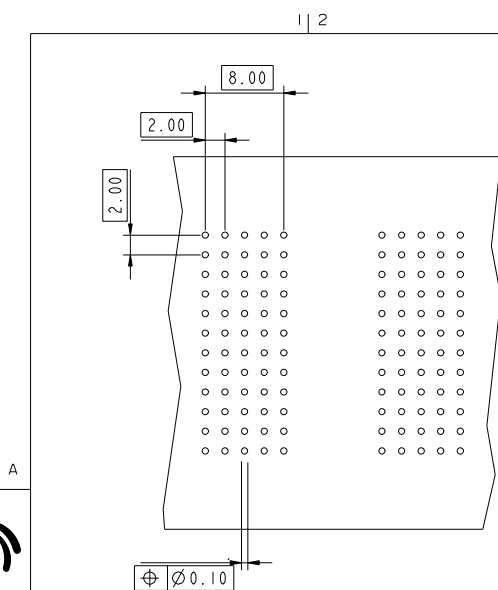
STATUS: Released

Printed: May 03, 2009



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REV C - 2006-04-18



REQUIRED PC BOARD LAYOUT  
COMPONENT SIDE  
SEE PRINT 58351 FOR  
ADDITIONAL PCB INFORMATION

| KEY (SIGNAL STB) |                 |                 |
|------------------|-----------------|-----------------|
| CODE             | DIMENSIONS      |                 |
|                  | DIM "A"<br>MATE | DIM "B"<br>TAIL |
| 1                | 5.00            | 4.25            |
| 2                | 5.75            | 4.25            |
| 3                | 6.50            | 4.25            |
| 4                | 7.25            | 4.25            |
| 5                | 5.00            | 3.30            |
| 6                | 5.75            | 3.30            |
| 7                | 6.50            | 3.30            |
| 8                | 7.25            | 3.30            |
| 9                | 5.00            | 2.65            |
| 10               | 5.75            | 2.65            |
| 11               | 6.50            | 2.65            |
| 12               | 6.50            | 2.65            |
| 13               | 8.00            | 4.25            |

- NOTES:
- FOR DIM A, AND B SEE SHEET 2 AND UP.
  - BODY MATERIAL: LIQUID CRYSTAL  
POLYMER 30 ± GLASS.  
FLAME RETARDANT ACC. UL 94-V0.
  - PIN MATERIAL  
PHOSPHOR BRONZE:
  - PLATING ON PRESS FIT TAIL:  
10083182-XYLF IS Sn (LEAD FREE)  
PLATING ON CONTACT AREA CONFORMS TO PERFORMANCE  
LEVEL SHOWN IN TABLE.
  - PRODUCT MARKING:  
PART NUMBER DESIGNATION & BATCH I.D.
  - ALL PRODUCTS WITH PART NUMBERS SHOWN IN SUBSEQUENT  
TABLES WILL BE PACKAGED IN TUBE.
  - PRODUCT SPECIFICATION: GS-12-180  
APPLICATION SPECIFICATION BUS-20-074
  - THE PRODUCTS WHERE THE PART NUMBERS ENDS IN "LF" MEET THE  
EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATIONS  
AS DESCRIBED IN GS-22-008.  
ALL PRODUCTS WILL WITHSTAND EXPOSURE  
TO 260° C FOR 60 SECONDS IN A CONVECTION, INFRA-RED OR  
VAPOR PHASE REFLOW OVEN.

| material code |          |    |      | tolerances unless<br>otherwise specified |                      | CUSTOMER   |                                 |
|---------------|----------|----|------|------------------------------------------|----------------------|------------|---------------------------------|
| ltr           | ecn no.  | dr | date |                                          |                      | COPY       | www.fciconnect.com              |
| B             |          |    |      | linear                                   | 0.X ± 0.3            | projection | title                           |
|               |          |    |      |                                          | 0.XX ± 0.13          |            | METAL SIGNAL HEADER 2 MOD.      |
|               |          |    |      | angles                                   | .XXX ± .051          |            | 5 ROW STB WITHOUT PLASTIC POSTS |
|               |          |    |      |                                          | 0° ± 2°              |            | product family                  |
|               |          |    |      | dr                                       | Heaven Cen 10/15/07  |            | METAL                           |
|               |          |    |      | engr                                     | Collins Lu 10/15/07  |            | code                            |
|               |          |    |      | chr                                      | Gary Hsieh 10/15/07  |            | 213                             |
|               |          |    |      | appd                                     | Joseph Hsia 10/15/07 |            | sheet                           |
| sheet         | revision |    |      |                                          |                      | scale      | 2                               |
| index         | sheet    |    |      |                                          |                      | 1:1        |                                 |
|               |          |    |      |                                          |                      |            | size                            |
|               |          |    |      |                                          |                      |            | dwg no                          |
|               |          |    |      |                                          |                      |            | 10083182                        |
|               |          |    |      |                                          |                      |            | 2                               |
|               |          |    |      |                                          |                      |            | sheet                           |
|               |          |    |      |                                          |                      |            | 2                               |
|               |          |    |      |                                          |                      |            | code                            |
|               |          |    |      |                                          |                      |            | 22526                           |

| 1   2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          | 3   4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |      |                     |                          |                                                            |                                                             |          |        |                                                            |    |     |         |    |      |        |          |            |       |   |   |   |    |    |            |                |                                                             |   |   |   |   |        |            |   |                |   |   |   |   |    |        |       |        |   |   |   |   |      |                     |      |      |   |   |   |   |     |                     |        |     |   |   |   |   |      |                     |          |       |   |   |   |   |   |                       |   |   |             |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |            |     |                     |  |  |  |  |        |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
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| <b>PRODUCT NUMBER</b><br>10083182-XY1LF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                          | <b>PLATING IN CONTACT AREA</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td><b>DASH NUMBER</b></td> <td><b>PERFORMANCE LEVEL</b></td> </tr> <tr> <td>-1YYLF</td> <td>TELCORDIA CO</td> </tr> </table>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |      | <b>DASH NUMBER</b>  | <b>PERFORMANCE LEVEL</b> | -1YYLF                                                     | TELCORDIA CO                                                |          |        |                                                            |    |     |         |    |      |        |          |            |       |   |   |   |    |    |            |                |                                                             |   |   |   |   |        |            |   |                |   |   |   |   |    |        |       |        |   |   |   |   |      |                     |      |      |   |   |   |   |     |                     |        |     |   |   |   |   |      |                     |          |       |   |   |   |   |   |                       |   |   |             |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |            |     |                     |  |  |  |  |        |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| <b>DASH NUMBER</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>PERFORMANCE LEVEL</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                     |                          |                                                            |                                                             |          |        |                                                            |    |     |         |    |      |        |          |            |       |   |   |   |    |    |            |                |                                                             |   |   |   |   |        |            |   |                |   |   |   |   |    |        |       |        |   |   |   |   |      |                     |      |      |   |   |   |   |     |                     |        |     |   |   |   |   |      |                     |          |       |   |   |   |   |   |                       |   |   |             |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |            |     |                     |  |  |  |  |        |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| -1YYLF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TELCORDIA CO             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      |                     |                          |                                                            |                                                             |          |        |                                                            |    |     |         |    |      |        |          |            |       |   |   |   |    |    |            |                |                                                             |   |   |   |   |        |            |   |                |   |   |   |   |    |        |       |        |   |   |   |   |      |                     |      |      |   |   |   |   |     |                     |        |     |   |   |   |   |      |                     |          |       |   |   |   |   |   |                       |   |   |             |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |            |     |                     |  |  |  |  |        |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          | A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |      |                     |                          |                                                            |                                                             |          |        |                                                            |    |     |         |    |      |        |          |            |       |   |   |   |    |    |            |                |                                                             |   |   |   |   |        |            |   |                |   |   |   |   |    |        |       |        |   |   |   |   |      |                     |      |      |   |   |   |   |     |                     |        |     |   |   |   |   |      |                     |          |       |   |   |   |   |   |                       |   |   |             |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |            |     |                     |  |  |  |  |        |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="2">METRAL P/N</th> <th rowspan="2">ROW</th> <th colspan="5">CONTACT CODE MOD. 1</th> <th colspan="5">MOD. 2</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th> <th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th> </tr> <tr> <td rowspan="5">10083182-X10LF</td> <td>E</td> <td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td> </tr> <tr> <td>D</td> <td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td> </tr> <tr> <td>C</td> <td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td> </tr> <tr> <td>B</td> <td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td> </tr> <tr> <td>A</td> <td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td> </tr> </table><br><table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th rowspan="2">METRAL P/N</th> <th rowspan="2">ROW</th> <th colspan="5">CONTACT CODE MOD. 1</th> <th colspan="5">MOD. 2</th> </tr> <tr> <th>1</th><th>2</th><th>3</th><th>4</th><th>5</th> <th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th> </tr> <tr> <td rowspan="5">10083182-X11LF</td> <td>E</td> <td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td> </tr> <tr> <td>D</td> <td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td> </tr> <tr> <td>C</td> <td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td> </tr> <tr> <td>B</td> <td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td> </tr> <tr> <td>A</td> <td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td><td>9</td> </tr> </table> |                          | METRAL P/N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ROW  | CONTACT CODE MOD. 1 |                          |                                                            |                                                             |          | MOD. 2 |                                                            |    |     |         | 1  | 2    | 3      | 4        | 5          | 6     | 7 | 8 | 9 | 10 | 11 | 12         | 10083182-X10LF | E                                                           | 1 | 1 | 1 | 1 | 1      | 1          | 1 | 1              | 1 | 1 | 1 | 1 | D  | 1      | 1     | 1      | 1 | 1 | 1 | 1 | 1    | 1                   | 1    | 1    | 1 | C | 1 | 1 | 1   | 1                   | 1      | 1   | 1 | 1 | 1 | 1 | 1    | 1                   | B        | 1     | 1 | 1 | 1 | 1 | 1 | 1                     | 1 | 1 | 1           | 1              | 1 | A | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | METRAL P/N | ROW | CONTACT CODE MOD. 1 |  |  |  |  | MOD. 2 |  |  |  |  | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 10083182-X11LF | E | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | D | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | C | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | B | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | A | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |  |  |
| METRAL P/N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ROW                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |      | CONTACT CODE MOD. 1 |                          |                                                            |                                                             |          | MOD. 2 |                                                            |    |     |         |    |      |        |          |            |       |   |   |   |    |    |            |                |                                                             |   |   |   |   |        |            |   |                |   |   |   |   |    |        |       |        |   |   |   |   |      |                     |      |      |   |   |   |   |     |                     |        |     |   |   |   |   |      |                     |          |       |   |   |   |   |   |                       |   |   |             |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |            |     |                     |  |  |  |  |        |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
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| 10083182-X10LF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | E                        | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1    | 1                   | 1                        | 1                                                          | 1                                                           | 1        | 1      | 1                                                          | 1  | 1   | 1       |    |      |        |          |            |       |   |   |   |    |    |            |                |                                                             |   |   |   |   |        |            |   |                |   |   |   |   |    |        |       |        |   |   |   |   |      |                     |      |      |   |   |   |   |     |                     |        |     |   |   |   |   |      |                     |          |       |   |   |   |   |   |                       |   |   |             |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |            |     |                     |  |  |  |  |        |  |  |  |  |   |   |   |   |   |   |   |   |   |    |    |    |                |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |  |
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