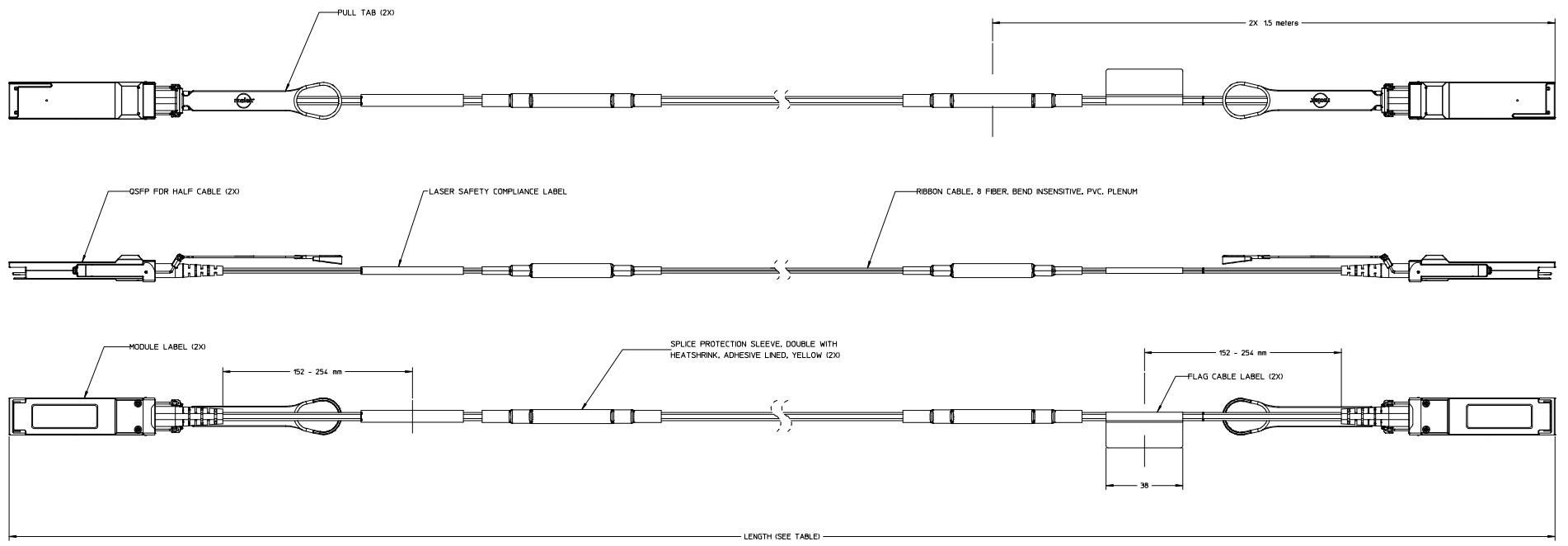


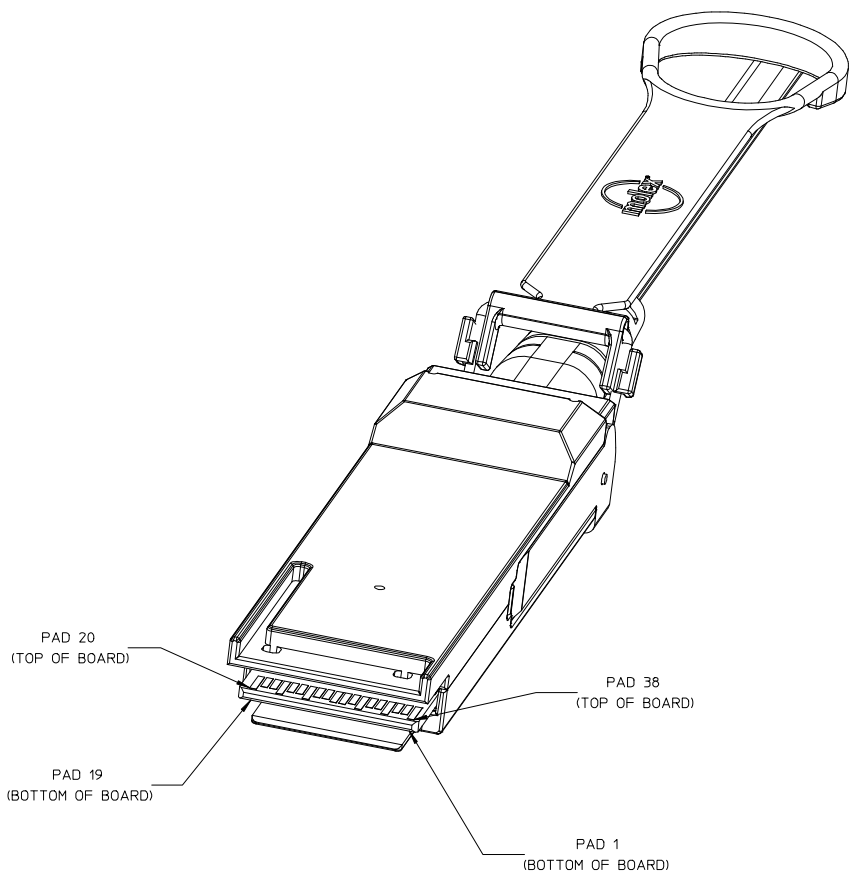
| PART NUMBER | LENGTH (METERS) | TOLERANCE (METERS) | CABLE CUTTING LENGTH L1 (m) | ITEM #8 QTY | ITEMS #8 & #9 QTY |
|-------------|-----------------|--------------------|-----------------------------|-------------|-------------------|
| 106412-2001 | 1*              | +0.3/-0.0          | -                           | 1           | 1                 |
| 106412-2003 | 3*              | +0.3/-0.0          | -                           |             |                   |
| 106412-2005 | 5               | +0.5/-0.0          | 3                           |             |                   |
| 106412-2007 | 7               | +0.5/-0.0          | 5                           |             |                   |
| 106412-2010 | 10              | +0.5/-0.0          | 8                           |             |                   |
| 106412-2015 | 15              | +0.5/-0.0          | 13                          |             |                   |
| 106412-2020 | 20              | +0.5/-0.0          | 18                          |             |                   |
| 106412-2025 | 25              | +0.5/-0.0          | 23                          |             |                   |
| 106412-2030 | 30              | +0.5/-0.0          | 28                          |             |                   |
| 106412-2050 | 50              | +1.0/-0.0          | 48                          |             |                   |
| 106412-2070 | 70              | +1.0/-0.0          | 68                          |             |                   |
| 106412-2100 | 100             | +1.0/-0.0          | 98                          |             |                   |
| 106412-2200 | 200             | +1.0/-0.0          | 198                         |             |                   |

\* FOR CABLES 3 METERS OR LESS, ONE SPLICE PROTECTOR LOCATED APPROXIMATELY IN THE MIDDLE OF CABLE MAY BE USED



NOTE:  
MODULES MEET SFF-8436 SPECIFICATION

| <b>ENTER DESCRIPTION</b><br>IEC NO: MF-2015-03468<br>DRAWN BY: BANGHARE<br>CHYK:<br>APPR: GUMIN<br>REV: | QUALITY SYMBOLS<br>∇=0<br>∇=0<br>∇=0          | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr><td>4 PLACES</td><td>±---</td><td>±---</td></tr> <tr><td>3 PLACES</td><td>±---</td><td>±---</td></tr> <tr><td>2 PLACES</td><td>±---</td><td>±---</td></tr> <tr><td>1 PLACE</td><td>±---</td><td>±---</td></tr> <tr><td>0 PLACE</td><td>±---</td><td>±---</td></tr> </tbody> </table> |  | mm | INCH | 4 PLACES | ±--- | ±--- | 3 PLACES | ±--- | ±--- | 2 PLACES | ±--- | ±--- | 1 PLACE | ±--- | ±--- | 0 PLACE | ±--- | ±--- | DIMENSION STYLE<br><b>MM ONLY</b> | SCALE<br><b>1:1</b> | DESIGN UNITS<br><b>METRIC</b> | THIRD ANGLE PROJECTION |
|---|---|--|--|----|------|----------|------|------|----------|------|------|----------|------|------|---------|------|------|---------|------|------|-----------------------------------|---------------------|-------------------------------|------------------------|
|   |   | mm   | INCH   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |      |                                   |                     |                               |                        |
|   | 4 PLACES                                      | ±---   | ±---   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |      |                                   |                     |                               |                        |
|   | 3 PLACES                                      | ±---   | ±---   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |      |                                   |                     |                               |                        |
| 2 PLACES  | ±---  | ±---   |  |    |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |      |                                   |                     |                               |                        |
| 1 PLACE   | ±---  | ±---   |  |    |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |      |                                   |                     |                               |                        |
| 0 PLACE   | ±---  | ±---   |  |    |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |      |                                   |                     |                               |                        |
| DRAWN BY: BANDREI<br>CHECKED BY:<br>APPROVED BY: WCHEN  | DATE: 2014/05/28<br>DATE:<br>DATE: 2014/05/30 | TITLE<br><b>100G QSFP, SM, AOC</b>   | <b>molex</b>   |    |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |      |                                   |                     |                               |                        |
| MATERIAL NO:<br><b>SEE TABLE</b>  | DOCUMENT NO:<br><b>SD-106412-2XXX</b>         | SHEET NO:<br><b>1 OF 2</b>   | <b>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</b> |    |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |      |                                   |                     |                               |                        |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS  |   |  |  |    |      |          |      |      |          |      |      |          |      |      |         |      |      |         |      |      |                                   |                     |                               |                        |



| BOTTOM CONTACTS |          | TOP CONTACTS |          |
|-----------------|----------|--------------|----------|
| PCB PAD NO.     | FUNCTION | PCB PAD NO.  | FUNCTION |
| 1               | GND      | 20           | GND      |
| 2               | Tx2n     | 21           | Rx2n     |
| 3               | Tx2p     | 22           | Rx2p     |
| 4               | GND      | 23           | GND      |
| 5               | Tx4n     | 24           | Rx4n     |
| 6               | Tx4p     | 25           | Rx4p     |
| 7               | GND      | 26           | GND      |
| 8               | ModSelL  | 27           | ModPrsL  |
| 9               | ResetL   | 28           | IntL     |
| 10              | Vcc Rx   | 29           | Vcc Tx   |
| 11              | SCL      | 30           | Vcc1     |
| 12              | SDA      | 31           | LPMode   |
| 13              | GND      | 32           | GND      |
| 14              | Rx3p     | 33           | Tx3p     |
| 15              | Rx3n     | 34           | Tx3n     |
| 16              | GND      | 35           | GND      |
| 17              | Rx1p     | 36           | Tx1p     |
| 18              | Rx1n     | 37           | Tx1n     |
| 19              | GND      | 38           | GND      |

| <b>ENTER DESCRIPTION</b><br>EC NO: MF2015-0368<br>DRWN: MAGHAYERE 2015/01/05<br>CHKD:<br>APPR: GUMIN 2015/01/05<br>REV: A1    | QUALITY SYMBOLS<br>▽=0<br>▽=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)<br><table border="1"> <tr><th colspan="2">mm</th><th>INCH</th></tr> <tr><td>4 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>3 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>2 PLACES</td><td>± ---</td><td>± ---</td></tr> <tr><td>1 PLACE</td><td>± ---</td><td>± ---</td></tr> <tr><td>0 PLACE</td><td>± ---</td><td>± ---</td></tr> </table> ANGULAR ± ---°<br>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | mm          |  | INCH | 4 PLACES | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± --- | ± --- | 1 PLACE | ± --- | ± --- | 0 PLACE | ± --- | ± --- | DIMENSION STYLE<br><b>MM ONLY</b><br>DRAWN BY: BANDREI<br>DATE: 2014/05/28<br>CHECKED BY: _____<br>DATE: _____<br>APPROVED BY: WCHEN<br>DATE: 2014/05/30 | SCALE: 3:1<br>DESIGN UNITS: METRIC<br>THIRD ANGLE PROJECTION | TITLE: 100G QSFP, SM, AOC<br><b>molex</b><br>DOCUMENT NO. SD-106412-2XXX<br>SHEET NO. 2 OF 2 |
|---|--------------------------------------|--|-------------|--|------|----------|-------|-------|----------|-------|-------|----------|-------|-------|---------|-------|-------|---------|-------|-------|--|--|--|
|   | mm                                   |  | INCH        |  |      |          |       |       |          |       |       |          |       |       |         |       |       |         |       |       |  |  |  |
|   | 4 PLACES                             | ± ---  | ± ---       |  |      |          |       |       |          |       |       |          |       |       |         |       |       |         |       |       |  |  |  |
|   | 3 PLACES                             | ± ---  | ± ---       |  |      |          |       |       |          |       |       |          |       |       |         |       |       |         |       |       |  |  |  |
|   | 2 PLACES                             | ± ---  | ± ---       |  |      |          |       |       |          |       |       |          |       |       |         |       |       |         |       |       |  |  |  |
| 1 PLACE   | ± ---                                | ± ---  |             |  |      |          |       |       |          |       |       |          |       |       |         |       |       |         |       |       |  |  |  |
| 0 PLACE   | ± ---                                | ± ---  |             |  |      |          |       |       |          |       |       |          |       |       |         |       |       |         |       |       |  |  |  |
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                      |  | SEE SHEET 1 |  |      |          |       |       |          |       |       |          |       |       |         |       |       |         |       |       |  |  |  |