

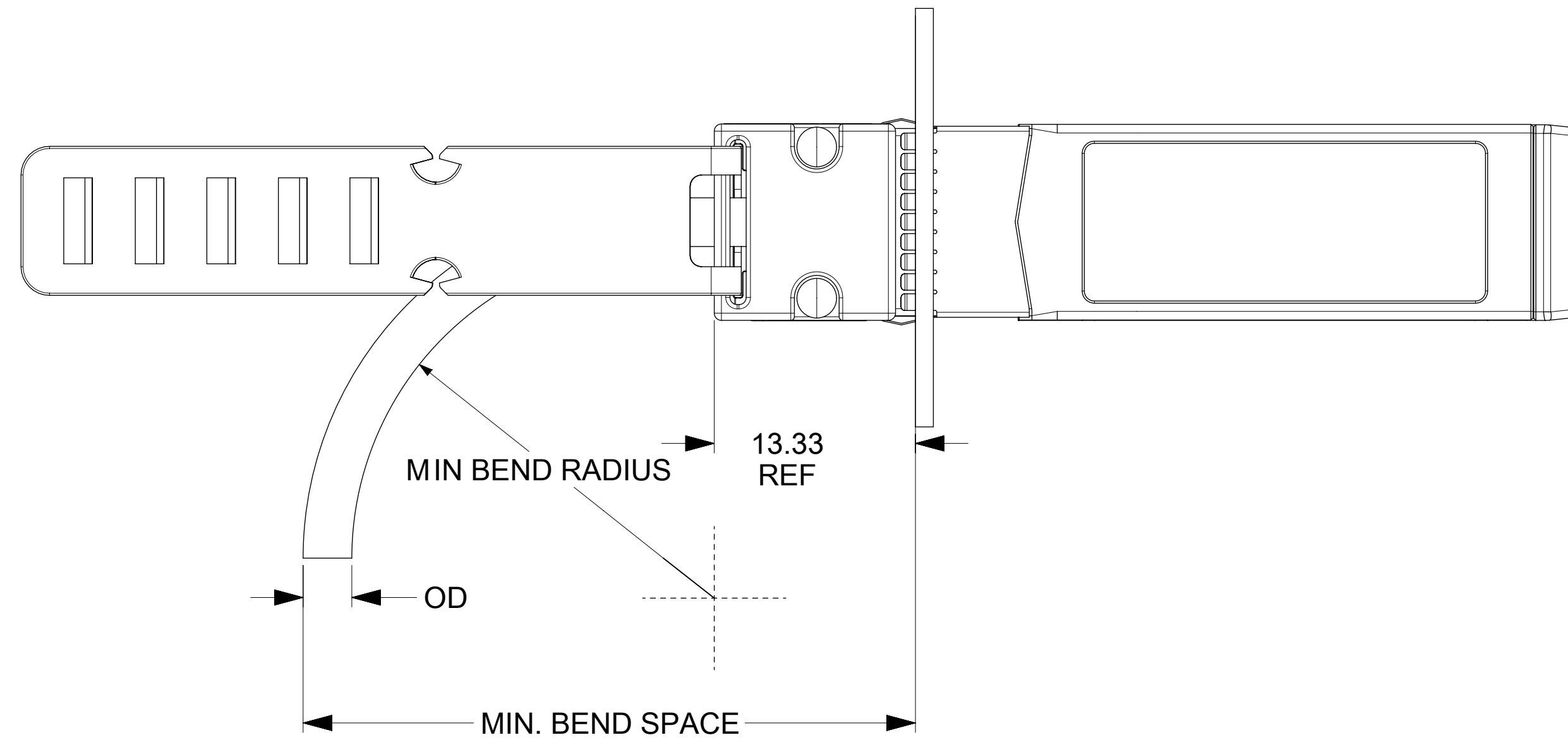
| MOLEX P/N | LENGTH [M] | TOL [mm] | AWG |
|-----------|------------|----------|-----|
| 747521058 | 0.5        | ±30      | 30  |
| 747521108 | 1.0        | ±50      | 30  |
| 747521158 | 1.5        | ±50      | 30  |
| 747521208 | 2.0        | ±50      | 30  |
| 747521258 | 2.5        | ±50      | 30  |
| 747521308 | 3.0        | ±50      | 30  |
| 747521355 | 3.5        | ±50      | 30  |
| 747521408 | 4.0        | ±50      | 30  |
| 747521508 | 5.0        | ±80      | 30  |

- NOTES:
- MATERIALS  
 RAW CABLE - PVC  
 BACKSHELLS - NICKEL PLATED ZINC  
 DE-LATCH - PLASTIC  
 PULL - NYLON  
 PCB - HALOGEN FREE LAMINATE MATERIAL
  - IMPEDANCE - 100OHMS DIFFERENTIAL
  - RoHS COMPLIANT, NO EXEMPTIONS
  - EEPROM COMPLIANT TO SFF-8472 REV 11.0

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

|  |                        |   |                              |  |  |
|--|------------------------|---|------------------------------|--|--|
| DIMENSION UNITS<br><b>mm</b>                         | SCALE<br><b>2:1</b>    | CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457. | <b>molex</b>                 |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED)                |                        |   |                              |  |  |
| ANGULAR TOL ± 2.0°                                   |                        | EC NO: 680890   | PRODUCT CUSTOMER DRAWING     |  |  |
| 4 PLACES ±   |                        | DRWN: SANTHN 2021/10/08                                   | DOCUMENT NUMBER              |  |  |
| 3 PLACES ±   |                        | CHK'D: GGA 2021/11/25                                     | DOC TYPE DOC PART REVISION   |  |  |
| 2 PLACES ± 0.13                                      |                        | APPR: GGA 2021/11/25                                      | 747520008 PSD 000 H1         |  |  |
| 1 PLACE ± 0.25                                       |                        | INITIAL REVISION:   | MATERIAL NUMBER CUSTOMER     |  |  |
| 0 PLACES ±   |                        | DRWN: EMEDINA02 2016/04/13                                | SEE P/N TABLE GENERAL MARKET |  |  |
|  |                        | APPR: ARAYBURN 2016/04/18                                 | SHEET NUMBER                 |  |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | THIRD ANGLE PROJECTION | DRAWING SERIES  | 1 OF 3                       |  |  |
|  |                        | <b>D-SIZE 74752</b>                                       |                              |  |  |

### CABLE BEND RADIUS



| CABLE AWG | CABLE OD [mm] | MINIMUM BEND RADIUS [mm] | MINIMUM BEND SPACE [mm] |
|-----------|---------------|--------------------------|-------------------------|
| 30        | 4.20          | 21                       | 38                      |
| 26        | 5.20          | 26                       | 44                      |

| P1 END |            |       | P2 END |            |  |
|--------|------------|-------|--------|------------|--|
| PAD    | SIGNAL     |       | PAD    | SIGNAL     |  |
| 12     | RD-        | ←     | 19     | TD-        |  |
| 13     | RD+        | ←     | 18     | TD+        |  |
| 18     | TD+        | →     | 13     | RD+        |  |
| 19     | TD-        | →     | 12     | RD-        |  |
| 02     | Tx_Fault   | NC NC | 02     | Tx_Fault   |  |
| 03     | Tx_Disable | NC NC | 03     | Tx_Disable |  |
| 04     | SDA        | ■ ■   | 04     | SDA        |  |
| 05     | SCL        | ■ ■   | 05     | SCL        |  |
| 06     | Mod_ABS    | NC NC | 06     | Mod_ABS    |  |
| 07     | RS0        | NC NC | 07     | RS0        |  |
| 08     | Rx_LOS     | NC NC | 08     | Rx_LOS     |  |
| 09     | RS1        | NC NC | 09     | RS1        |  |
| 15     | VccR       | NC NC | 15     | VccR       |  |
| 16     | VccT       | NC NC | 16     | VccT       |  |

LEGEND:  
 → - THRU LINES  
 NC - NOT CONNECTED  
 ■ - CONNECTION TO A DEVICE ON THE PCB

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|                                       |                     |   |  |  |  |
|---------------------------------------|---------------------|---|--|--|--|
| DIMENSION UNITS<br><b>mm</b>          | SCALE<br><b>3:1</b> | CURRENT REV DESC: OBSOLETE PART NUMBER AS PER PCN#509457. |  |  |  |
| GENERAL TOLERANCES (UNLESS SPECIFIED) |                     |   |  |  |  |
| ANGULAR TOL ± 2.0°                    |                     | EC NO: 680890   | <b>PRODUCT CUSTOMER DRAWING</b>  |  |  |
| 4 PLACES ±                            |                     | DRWN: SANTHN 2021/10/08                                   |  |  |  |
| 3 PLACES ±                            |                     | CHK'D: GGA 2021/11/25                                     | MATERIAL NUMBER: SEE P/N TABLE    CUSTOMER: GENERAL MARKET    SHEET NUMBER: 2 OF 3 |  |  |
| 2 PLACES ± 0.13                       |                     | APPR: GGA 2021/11/25                                      |  |  |  |
| 1 PLACE ± 0.25                        |                     |   | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS                               |  |  |
| 0 PLACES ±                            |                     |   |  |  |  |
|                                       |                     |   | <b>D-SIZE 74752</b>  |  |  |
|                                       |                     |   |  |  |  |

