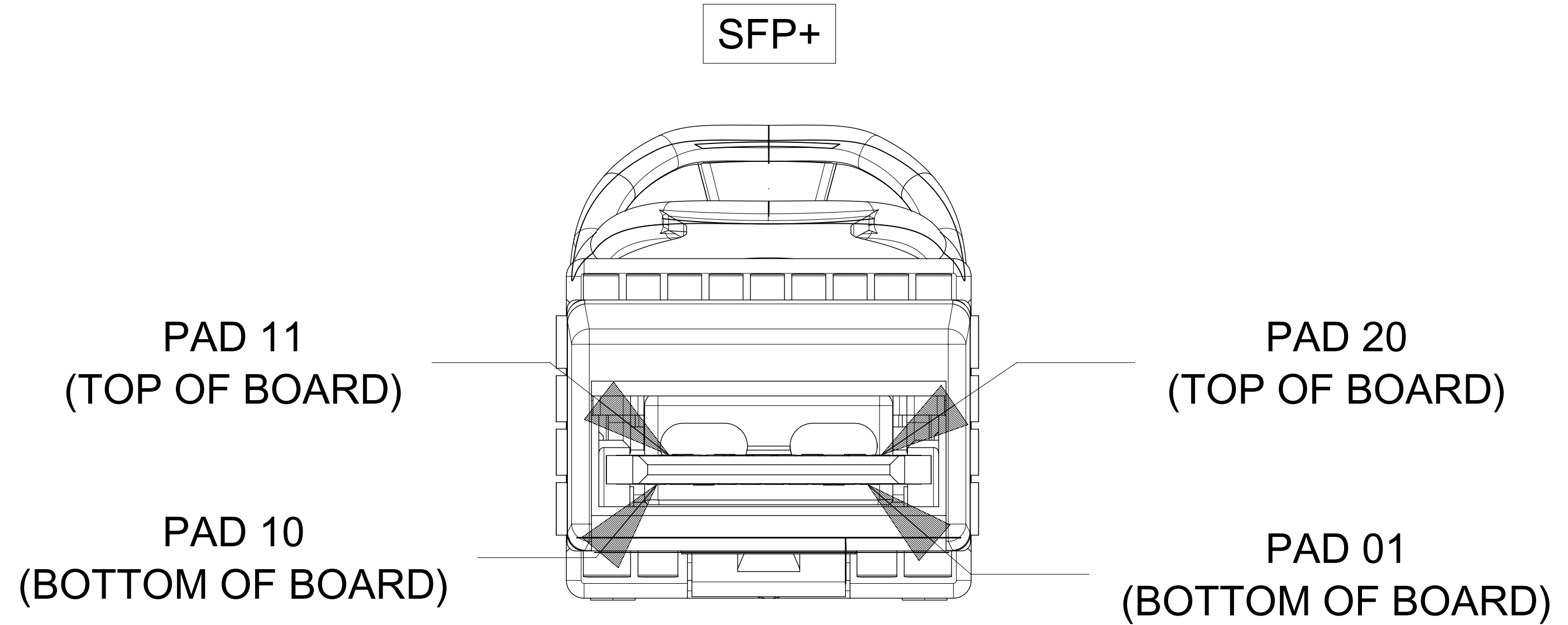
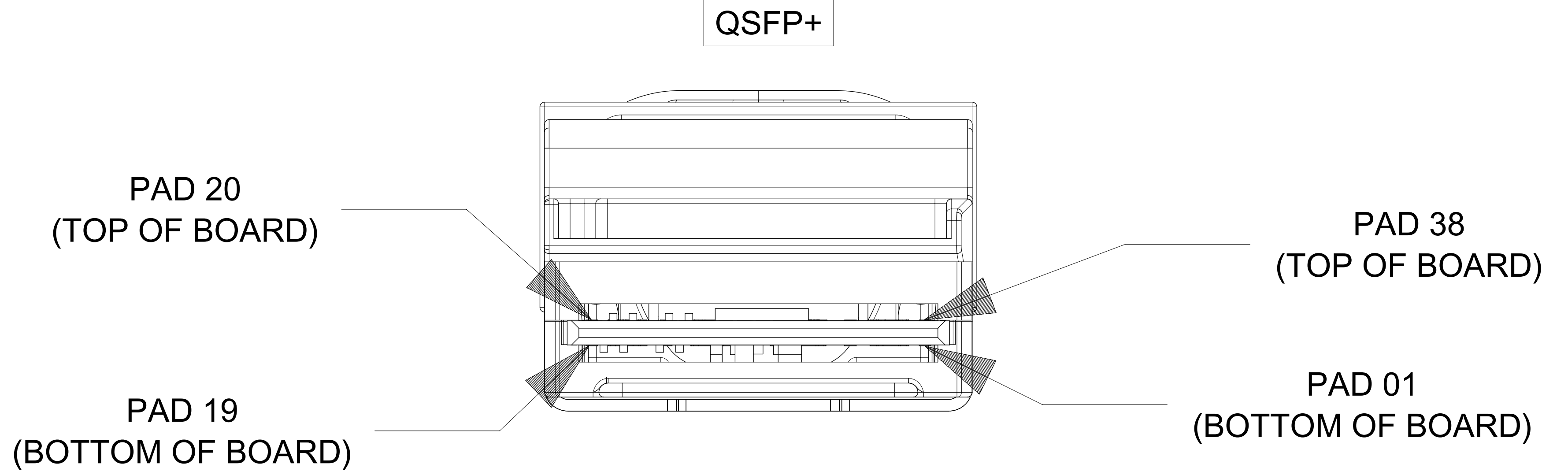


- NOTES:
- MATERIALS:
 - BACKSHELLS - ZINC DIE CAST WITH BRIGHT NICKEL PLATING
 - DELATCH - STAINLESS STEEL AND OVERMOLDED NYLON
 - PCB - FR4
 - RIVETS - STAINLESS STEEL
 - IMPEDANCE - 100 OHMS DIFFERENTIAL
 - RoHS COMPLIANT, NO EXEMPTIONS

DUST COVERS PLACED ON ALL CABLE ENDS

| | | | | | | | | | | |
|---|---|--|--|---------------------------------------|------------------------|---|--|--|--|--|
| THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | | |
| QUALITY SYMBOLS | REMOVED NOTE FOR GM | | | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION UNITS | SCALE | | | | QSFP+ TO (4) SFP+ 10G PASSIVE CBL ASSY |
| F = 0 E = 0 D = 0 C = 0 B = 0 A = 0 K = 0 | EC NO: 115621 DRWN: EMEDINA02 CHKD: SRATKOVIC REV APPR: ARAYBURN | 2017/04/07 2017/04/11 2017/04/13 | ANGULAR TOL ± 1.0 ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | MM | 1.5:1 | PRODUCT CUSTOMER DRAWING | | | | |
| | | | | DRWN BY | DATE | SERIES MATERIAL NUMBER CUSTOMER | | | DOCUMENT NUMBER DOC TYPE DOC PART SHEET NUMBER | |
| | | | | EMEDINA02 | 2017/03/01 | 74764 SEE P/N TABLE GENERAL MARKET | | | | |
| | | | | CHKD BY | DATE | DOCUMENT NUMBER 747640001 DOC TYPE PSD DOC PART 000 SHEET NUMBER 1 OF 3 | | | | |
| | | | | APPR BY | DATE | | | | | |
| | | | | ARAYBURN | 2017/03/14 | | | | | |
| | | | | DRAWING SIZE | THIRD ANGLE PROJECTION | | | | | |
| | | | | D | | | | | | |

| WIRING DIAGRAM | | | | |
|----------------|--------|--------|-----|------|
| QSFP+ | | SFP+ | | |
| PAD | SIGNAL | SIGNAL | PAD | PLUG |
| 38 | GND | ---- | GND | |
| 37 | TX1- | ----> | RD- | 12 |
| 36 | TX1+ | ----> | RD+ | 13 |
| 16 | GND | ---- | GND | |
| 17 | RX1+ | <---- | TD+ | 18 |
| 18 | RX1- | <---- | TD- | 19 |
| 04 | GND | ---- | GND | |
| 02 | TX2- | ----> | RD- | 12 |
| 03 | TX2+ | ----> | RD+ | 13 |
| 23 | GND | ---- | GND | |
| 22 | RX2+ | <---- | TD+ | 18 |
| 21 | RX2- | <---- | TD- | 19 |
| 35 | GND | ---- | GND | |
| 34 | TX3- | ----> | RD- | 12 |
| 33 | TX3+ | ----> | RD+ | 13 |
| 13 | GND | ---- | GND | |
| 14 | RX3+ | <---- | TD+ | 18 |
| 15 | RX3- | <---- | TD- | 19 |
| 07 | GND | ---- | GND | |
| 05 | TX4- | ----> | RD- | 12 |
| 06 | TX4+ | ----> | RD+ | 13 |
| 26 | GND | ---- | GND | |
| 25 | RX4+ | <---- | TD+ | 18 |
| 24 | RX4- | <---- | TD- | 19 |



| LOW SPEED SIGNALS | |
|-------------------|---------|
| QSFP+ | |
| PAD | SIGNAL |
| 08 | ModSelL |
| 09 | ResetL |
| 10 | VccRx |
| 11 | SCL |
| 12 | SDA |
| 27 | ModPrsL |
| 28 | IntL |
| 29 | VccTx |
| 30 | Vcc1 |
| 31 | LPMODE |

| LOW SPEED SIGNALS | |
|-------------------|------------|
| SFP+ | |
| PAD | SIGNAL |
| 02 | Tx_Fault |
| 03 | Tx_Disable |
| 04 | SDA |
| 05 | SCL |
| 06 | Mod_ABS |
| 07 | RS0 |
| 08 | Rx_LOS |
| 09 | RS1 |
| 15 | VccR |
| 16 | VccT |

| | | | | | |
|---|---|--|--|--|---|
| QUALITY SYMBOLS F = 0 E = 0 D = 0 C = 0 B = 0 A = 0 K = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | GENERAL TOLERANCES (UNLESS SPECIFIED) DIMENSION UNITS: MM SCALE: 7:1 ANGULAR TOL ± 1.0 ° | MOLEX QSFP+ TO (4) SFP+ 10G PASSIVE CBL ASSY | |
| | EC NO: 115621 DRWN: EMEDINA02 CHKD: SRATKOVIC REV APPR: ARAYBURN | 2017/04/07 2017/04/11 2017/04/13 | 4 PLACES ± 3 PLACES ± 2 PLACES ± 0.13 1 PLACE ± 0.25 0 PLACES ± | DRWN BY: EMEDINA02 DATE: 2017/03/01 CHKD BY: DRAMIREZ02 DATE: 2017/03/08 APPR BY: ARAYBURN DATE: 2017/03/14 | PRODUCT CUSTOMER DRAWING SERIES: 74764 MATERIAL NUMBER: SEE P/N TABLE CUSTOMER: GENERAL MARKET |
| | REMOVED NOTE FOR GM | | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DRAWING SIZE: D THIRD ANGLE PROJECTION | DOCUMENT NUMBER: 747640001 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 2 OF 3 |
| | RELEASE STATUS: P1 RELEASE DATE: 13.04.2017 14:23:24 | | | | |

PRODUCT LABEL DETAIL



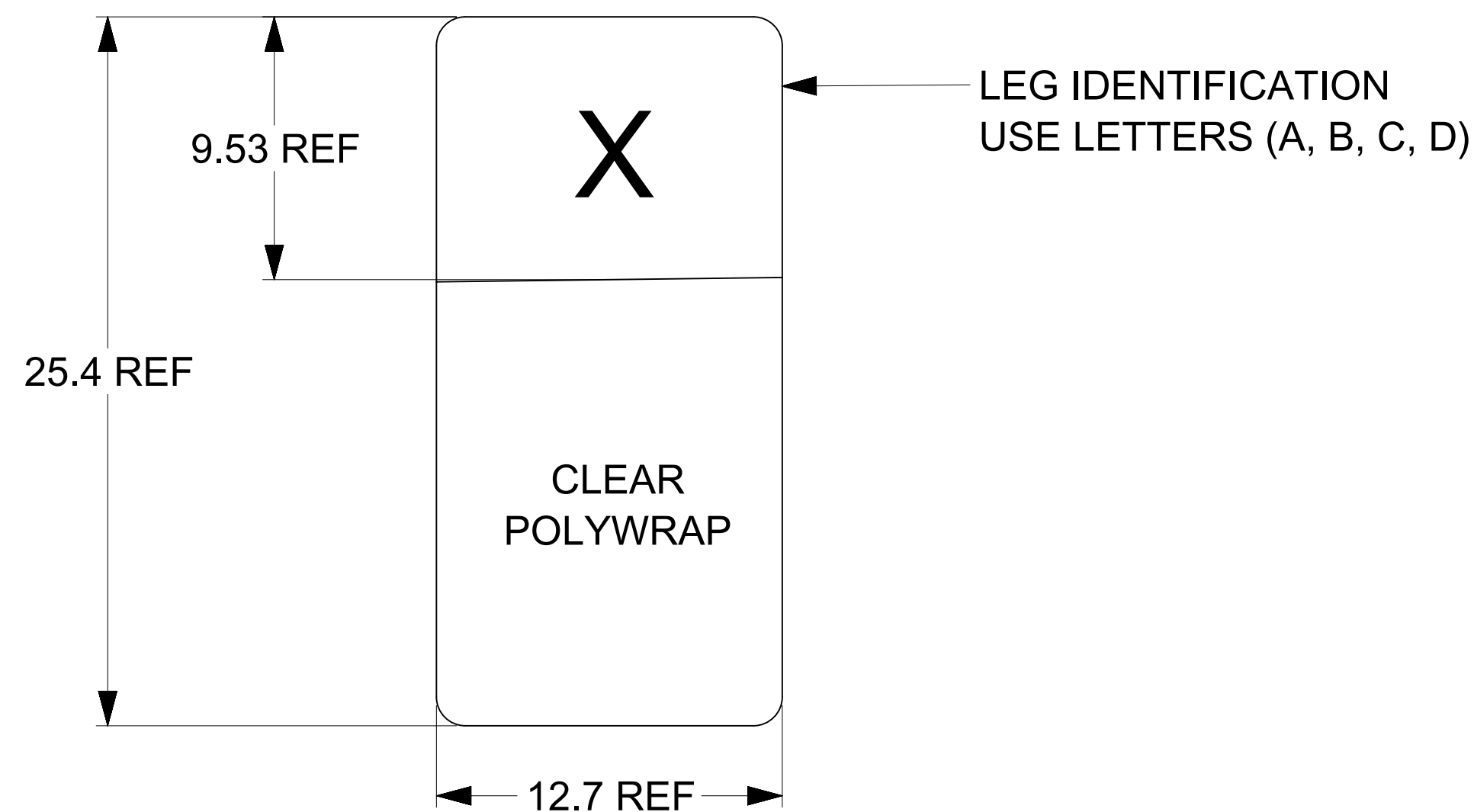
P/N SEE TABLE FOR PN
 X.XM = LENGTH AS SHOWN IN TABLE
 XXAWG = AWG SIZE

YDDLSSSS
 Y = LAST DIGIT OF THE YEAR
 DDD = DAY OF THE YEAR
 L = LOCATION
 1 = US
 2 = MEXICO
 3 = CHINA
 4 = PHILIPPINES
 SSSS = (0001-9999)

PART NUMBER TABLE

| MOLEX P/N | LENGTH | TOL. | AWG |
|-----------|--------|--------|-----|
| 747641031 | 0.25M | ±0.03M | 30 |
| 747641051 | 0.5M | ±0.03M | 30 |
| 747641081 | 0.75M | ±0.03M | 30 |
| 747641101 | 1.0M | ±0.05M | 30 |
| 747641131 | 1.25M | ±0.05M | 30 |
| 747641053 | 1.5M | ±0.05M | 30 |
| 747641181 | 1.75M | ±0.05M | 30 |
| 747641201 | 2.0M | ±0.05M | 30 |
| 747641251 | 2.5M | ±0.05M | 30 |
| 747641301 | 3.0M | ±0.05M | 30 |
| 747641401 | 4.0M | ±0.05M | 30 |
| 747642201 | 2.0M | ±0.05M | 28 |
| 747642301 | 3.0M | ±0.05M | 28 |
| 747642331 | 3.3M | ±0.05M | 28 |
| 747642351 | 3.5M | ±0.05M | 28 |
| 747642371 | 3.7M | ±0.05M | 28 |
| 747642401 | 4.0M | ±0.05M | 28 |
| 747642501 | 5.0M | ±0.05M | 28 |
| 747643601 | 6.0M | ±0.05M | 26 |

SFP LEG IDENTIFICATION LABEL DETAIL



| | | | | | | | | | | |
|--|---|-----------------|-----------------|---------------------|---------------------------------------|------------------------|--------------------------|--|--|--|
| QUALITY SYMBOLS F = 0 E = 0 D = 0 C = 0 B = 0 A = 0 K = 0 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | | | | | | | | |
| | EC NO: 115621 | DRWN: EMEDINA02 | CHKD: SRATKOVIC | REV APPR: ARAYBURN | GENERAL TOLERANCES (UNLESS SPECIFIED) | DIMENSION UNITS | SCALE | | | |
| | 2017/04/07 | 2017/04/11 | 2017/04/13 | ANGULAR TOL ± 1.0 ° | MM | 1:1 | | | | |
| | REMOVED NOTE FOR GM | | | | 4 PLACES ± | DRWN BY | DATE | QSFP+ TO (4) SFP+ 10G PASSIVE CBL ASSY | | |
| | | | | | 3 PLACES ± | EMEDINA02 | 2017/03/01 | | | |
| | | | | | 2 PLACES ± 0.13 | CHKD BY | DATE | | | |
| | | | | | 1 PLACE ± 0.25 | DRAMIREZ02 | 2017/03/08 | | | |
| | | | | | 0 PLACES ± | APPR BY | DATE | | | |
| | DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | | | | DRAWING SIZE | THIRD ANGLE PROJECTION | PRODUCT CUSTOMER DRAWING | | | |
| | | | | | D | | | | | |
| SERIES MATERIAL NUMBER CUSTOMER | | | | | | | | | | |
| DOCUMENT NUMBER | | DOC TYPE | | DOC PART | | SHEET NUMBER | | GENERAL MARKET | | |
| 747640001 | | PSD | | 000 | | 3 OF 3 | | | | |