



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

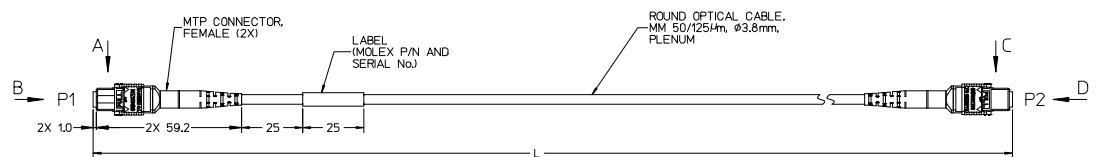
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

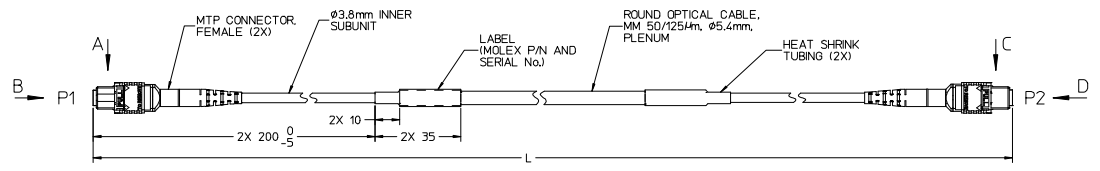
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



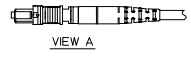
| CXP CABLE ASSEMBLY PART NUMBER | | | | OVERALL LENGTH L (m) | CABLE DIA. (mm) | CABLE TYPE |
|---|-----------------------------------|-----------------------------------|--|----------------------|-----------------|-------------------------------------|
| STANDARD BANDWIDTH (OM2) (ORANGE CABLE) | HIGH BANDWIDTH (OM3) (AQUA CABLE) | HIGH BANDWIDTH (OM4) (AQUA CABLE) | | | | |
| 106284-0001 | 106284-1001 | 106284-7001 | | 1.0 +0.2/-0 | 3.8 | 24 FIBER ROUND CABLE, SINGLE JACKET |
| 106284-0151 | TBD | TBD | | 1.5 +0.2/-0 | | |
| 106284-0002 | 106284-1002 | 106284-7002 | | 2.0 +0.2/-0 | | |
| 106284-0003 | 106284-1003 | 106284-7003 | | 3.0 +0.2/-0 | | |
| 106284-0004 | 106284-1004 | 106284-7004 | | 4.0 +0.2/-0 | | |
| 106284-0005 | 106284-1005 | 106284-7005 | | 5.0 +0.2/-0 | | |
| 106284-0006 | 106284-1006 | 106284-7006 | | 6.0 +0.2/-0 | | |
| 106284-0008 | 106284-1008 | 106284-7008 | | 8.0 +0.2/-0 | | |
| 106284-0010 | 106284-1010 | 106284-7010 | | 10.0 +0.3/-0 | | |
| 106284-0012 | 106284-1012 | 106284-7012 | | 12.0 +0.3/-0 | | |
| 106284-0015 | 106284-1015 | 106284-7015 | | 15.0 +0.3/-0 | | |
| 106284-0020 | 106284-1020 | 106284-7020 | | 20.0 +0.4/-0 | | |
| 106284-0025 | 106284-1025 | 106284-7025 | | 25.0 +0.5/-0 | | |
| 106284-0030 | 106284-1030 | 106284-7030 | | 30.0 +0.6/-0 | | |
| 106284-0035 | 106284-1035 | 106284-7035 | | 35.0 +0.7/-0 | | |
| 106284-0040 | 106284-1040 | 106284-7040 | | 40.0 +0.8/-0 | | |
| 106284-0045 | 106284-1045 | 106284-7045 | | 45.0 +0.9/-0 | | |
| 106284-0050 | 106284-1050 | 106284-7050 | | 50.0 +1.0/-0 | | |
| 106284-0055 | 106284-1055 | 106284-7055 | | 55.0 +1.1/-0 | | |
| 106284-0060 | 106284-1060 | 106284-7060 | | 60.0 +1.2/-0 | | |
| 106284-0065 | 106284-1065 | 106284-7065 | | 65.0 +1.3/-0 | | |
| 106284-0070 | 106284-1070 | 106284-7070 | | 70.0 +1.4/-0 | | |
| 106284-0075 | 106284-1075 | 106284-7075 | | 75.0 +1.5/-0 | | |
| 106284-0080 | 106284-1080 | 106284-7080 | | 80.0 +1.6/-0 | | |
| 106284-0085 | 106284-1085 | 106284-7085 | | 85.0 +1.7/-0 | | |
| 106284-0090 | 106284-1090 | 106284-7090 | | 90.0 +1.8/-0 | | |
| 106284-0095 | 106284-1095 | 106284-7095 | | 95.0 +1.9/-0 | | |
| 106284-0100 | 106284-1100 | 106284-7100 | | 100.0 +2.0/-0 | | |
| 106284-0150 | 106284-1150 | 106284-7150 | | 150.0 +3.0/-0 | | |
| TBD | TBD | 106284-7200 | | 200.0 +4.0/-0 | | |
| TBD | TBD | 106284-7250 | | 250.0 +5.0/-0 | | |
| TBD | TBD | 106284-7300 | | 300.0 +6.0/-0 | | |



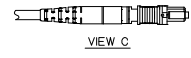
SINGLE JACKET ASSEMBLY



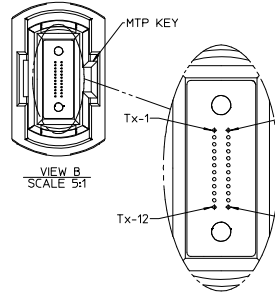
DUAL JACKET ASSEMBLY



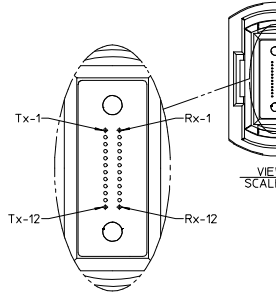
VIEW A



VIEW C



VIEW B SCALE 5:1



VIEW D SCALE 5:1

NOTE:

CABLE ASSEMBLY SPECIFICATIONS:

| | |
|---------------------------------|--|
| OPTICAL PROPERTIES | |
| FIBER TYPE | MULTIMODE 50/125 μm BEND-INSENSITIVE |
| CONNECTOR INSERTION LOSS (MAX.) | 1.0 dB |
| CABLE ATTENUATION (MAX.) | 3.5/1.2 dB/km AT 850/1300 nm |
| BANDWIDTH | SEE TABLE 1 |
| ENVIRONMENTAL PROPERTIES | |
| CONNECTOR MATERIALS | UL94 V-0 |
| CABLE FLAMMABILITY RATING | PLENUM OFNP (NFPA 262/UL 910) |
| OPERATING TEMPERATURE RANGE | -0°C TO +70°C |
| MECHANICAL PROPERTIES | |
| FIBER COUNT | 24F = 12 Rx / 12 Tx |
| CABLE MIN. BEND RADIUS | |
| SHORT TERM | 57 mm - SINGLE JACKET |
| | 89 mm - DUAL JACKET |
| LONG TERM | 20 mm - SINGLE JACKET/INNER SUBUNIT OF DUAL JACKETED CABLE |
| | 57 mm - DUAL JACKET |
| NO LOAD | 12.5 mm - SINGLE JACKET CABLE/INNER SUBUNIT OF DUAL JACKETED CABLE |
| COMPRESSIVE FORCE | >3.5 N/mm - SINGLE JACKET CABLE/INNER SUBUNIT OF DUAL JACKETED CABLE |

TABLE 1

| FIBER TYPE | OVERFILLED LAUNCH BANDWIDTH, MIN. (MHz-km) | | 1 GIGABIT ETHERNET LINK DISTANCE, MIN. (m) | | 10 GIGABIT ETHERNET LINK DISTANCE, MIN. (m) | | 40 & 100 GIGABIT ETHERNET LINK DISTANCE, MIN. (m) | | EFFECTIVE MODAL BANDWIDTH (MHz-km) |
|--------------------------|--|---------|--|---------|---|---------|---|---------|------------------------------------|
| | 850 nm | 1300 nm | 850 nm | 1300 nm | 850 nm | 1300 nm | 850 nm | 1300 nm | |
| STANDARD BANDWIDTH (OM2) | 500 | 500 | 600 | --- | 86 | --- | --- | --- | --- |
| HIGH BANDWIDTH (OM3) | 1500 | 500 | 1000 | --- | 300 | --- | 100 | --- | 2000 |
| HIGH BANDWIDTH (OM4) | 3500 | 550 | 1040 | --- | 550 | --- | 150 | --- | 4700 |

| | | | | | | |
|---|--------------------------------------|---|---|---------------------|--|------------------------|
| ENTER DESCRIPTION IEC NO. MF2015-0471 DRAWN: GUMIN CHKD: APPR: GUMIN REV: | QUALITY SYMBOLS ▽=0 ▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± --- ± --- 1 PLACE ± --- ± --- 0 PLACE ± --- ± --- ANGULAR ±1/2° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS | DIMENSION STYLE MM ONLY | SCALE 1:1 | DESIGN UNITS INCH | THIRD ANGLE PROJECTION |
| | DRAWN BY DATE GUMIN 2008/11/21 | | CHECKED BY DATE | | TITLE MOLEX CXP OPTICAL CABLE ASSEMBLY | |
| | APPROVED BY DATE GUMIN 2008/11/21 | | MATERIAL NO. SEE TABLE | | DOCUMENT NO. SD-106284-0001 | |
| | SIZE D | | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | | SHEET NO. 1 OF 1 | |

| CONNECTIONS | FROM P1 | TO P2 |
|-------------|---------|-------|
| Rx-1 | Tx-1 | |
| Rx-2 | Tx-2 | |
| Rx-3 | Tx-3 | |
| Rx-4 | Tx-4 | |
| Rx-5 | Tx-5 | |
| Rx-6 | Tx-6 | |
| Rx-7 | Tx-7 | |
| Rx-8 | Tx-8 | |
| Rx-9 | Tx-9 | |
| Rx-10 | Tx-10 | |
| Rx-11 | Tx-11 | |
| Rx-12 | Tx-12 | |
| Tx-1 | Rx-1 | |
| Tx-2 | Rx-2 | |
| Tx-3 | Rx-3 | |
| Tx-4 | Rx-4 | |
| Tx-5 | Rx-5 | |
| Tx-6 | Rx-6 | |
| Tx-7 | Rx-7 | |
| Tx-8 | Rx-8 | |
| Tx-9 | Rx-9 | |
| Tx-10 | Rx-10 | |
| Tx-11 | Rx-11 | |
| Tx-12 | Rx-12 | |