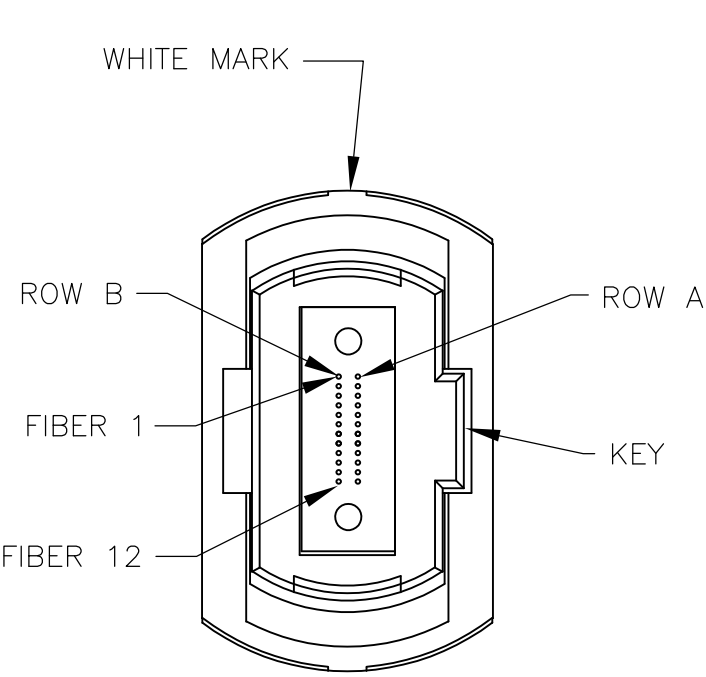
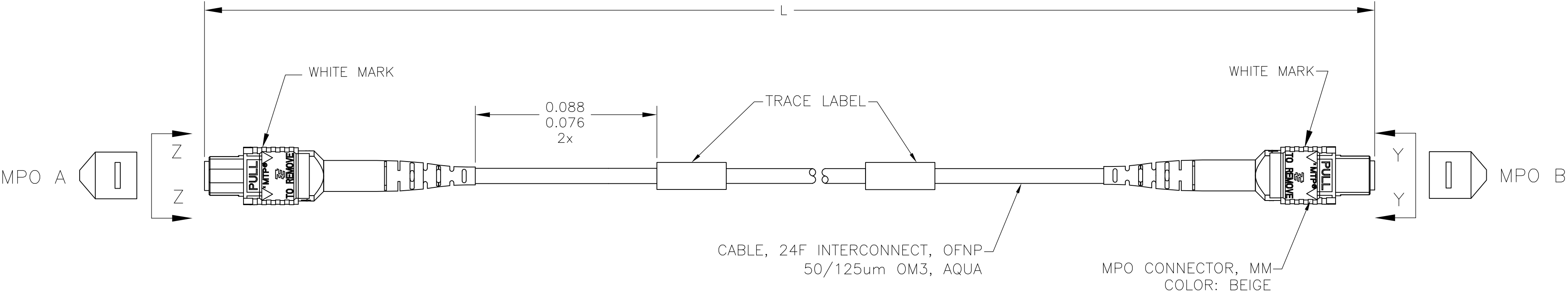


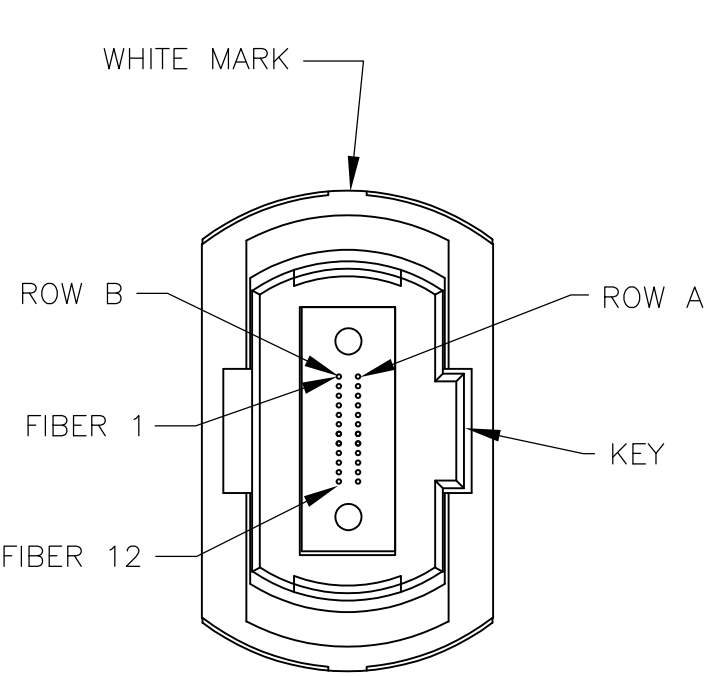
- 1 MAXIMUM CONNECTOR INSERTION LOSS AT 850nm.
2. PRODUCT AND PROCESSING MUST MEET REQUIREMENTS OF TEC-138-702.
3. CONNECTOR MATERIAL FLAMMABILITY: UL94 V-0 OR BETTER.
4. CABLE FLAMMABILITY: UL1651 OFNP OR BETTER.



VIEW Z-Z  
NOT TO SCALE

| MPO A<br>ROW | FIBER | FIBER<br>COLOR | MPO B<br>ROW | FIBER |
|--------------|-------|----------------|--------------|-------|
| A            | 1     | BLUE           | B            | 1     |
| A            | 2     | ORANGE         | B            | 2     |
| A            | 3     | GREEN          | B            | 3     |
| A            | 4     | BROWN          | B            | 4     |
| A            | 5     | SLATE          | B            | 5     |
| A            | 6     | WHITE          | B            | 6     |
| A            | 7     | RED            | B            | 7     |
| A            | 8     | BLACK          | B            | 8     |
| A            | 9     | YELLOW         | B            | 9     |
| A            | 10    | VIOLET         | B            | 10    |
| A            | 11    | ROSE           | B            | 11    |
| A            | 12    | AQUA           | B            | 12    |
| B            | 1     | BLUE           | A            | 1     |
| B            | 2     | ORANGE         | A            | 2     |
| B            | 3     | GREEN          | A            | 3     |
| B            | 4     | BROWN          | A            | 4     |
| B            | 5     | SLATE          | A            | 5     |
| B            | 6     | WHITE          | A            | 6     |
| B            | 7     | RED            | A            | 7     |
| B            | 8     | BLACK          | A            | 8     |
| B            | 9     | YELLOW         | A            | 9     |
| B            | 10    | VIOLET         | A            | 10    |
| B            | 11    | ROSE           | A            | 11    |
| B            | 12    | AQUA           | A            | 12    |

CONNECTOR FIBER PATH



VIEW Y-Y  
NOT TO SCALE

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN  
SHI BI YUN  
24AUG2011

CHK  
ZHANG JINQIANG  
24AUG2011

APVD  
RICHARD ZHAO  
24AUG2011

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

NAME  
CABLE ASSEMBLY, FIBER OPTIC, CXP, 50/125um OM3  
24 FIBER, INTERCONNECT CABLE  
MPO, NO PINS, BOTH ENDS

SIZE  
A2

CAGE CODE  
00779

DRAWING NO  
2148238

RESTRICTED TO

SCALE  
NTS

SHEET  
1 of 2

REV  
A2

|                              |                          |
|------------------------------|--------------------------|
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| LOC | DIST | REVISIONS |     |             |      |      |
|-----|------|-----------|-----|-------------|------|------|
| CE  | 00   | P         | LTR | DESCRIPTION | DATE | APVD |
|     |      | -         | -   | SEE SHEET 1 | -    | -    |

D

C

B

A

| PART NUMBER | L       |         | MPO MAX IL<br>(dB)  |
|-------------|---------|---------|------------------------------------------------------------------------------------------------------|
|             | MAX     | MIN     |                                                                                                      |
| 2148238-1   | 1.050   | 0.950   | 0.70                                                                                                 |
| 2148238-2   | 2.050   | 1.950   | 0.71                                                                                                 |
| 2148238-3   | 3.050   | 2.950   | 0.71                                                                                                 |
| 2148238-4   | 4.080   | 3.920   | 0.71                                                                                                 |
| 2148238-5   | 5.080   | 4.920   | 0.72                                                                                                 |
| 2148238-6   | 6.080   | 5.920   | 0.72                                                                                                 |
| 2148238-7   | 7.080   | 6.920   | 0.72                                                                                                 |
| 2148238-8   | 8.080   | 7.920   | 0.73                                                                                                 |
| 2148238-9   | 9.150   | 8.850   | 0.73                                                                                                 |
| 1-2148238-0 | 10.150  | 9.850   | 0.74                                                                                                 |
| 1-2148238-1 | 11.150  | 10.850  | 0.74                                                                                                 |
| 1-2148238-2 | 12.150  | 11.850  | 0.74                                                                                                 |
| 1-2148238-3 | 13.150  | 12.850  | 0.75                                                                                                 |
| 1-2148238-4 | 14.150  | 13.850  | 0.75                                                                                                 |
| 1-2148238-5 | 15.150  | 14.850  | 0.75                                                                                                 |
| 1-2148238-6 | 16.160  | 15.840  | 0.76                                                                                                 |
| 1-2148238-7 | 17.170  | 16.830  | 0.76                                                                                                 |
| 1-2148238-8 | 18.180  | 17.820  | 0.76                                                                                                 |
| 1-2148238-9 | 19.190  | 18.810  | 0.77                                                                                                 |
| 2-2148238-0 | 20.200  | 19.800  | 0.77                                                                                                 |
| 2-2148238-1 | 21.210  | 20.790  | 0.77                                                                                                 |
| 2-2148238-2 | 22.220  | 21.780  | 0.78                                                                                                 |
| 2-2148238-3 | 23.230  | 22.770  | 0.78                                                                                                 |
| 2-2148238-4 | 24.240  | 23.760  | 0.78                                                                                                 |
| 2-2148238-5 | 25.250  | 24.750  | 0.79                                                                                                 |
| 2-2148238-6 | 26.260  | 25.740  | 0.79                                                                                                 |
| 2-2148238-7 | 27.270  | 26.730  | 0.79                                                                                                 |
| 2-2148238-8 | 28.280  | 27.720  | 0.80                                                                                                 |
| 2-2148238-9 | 29.290  | 28.710  | 0.80                                                                                                 |
| 3-2148238-0 | 30.300  | 29.700  | 0.81                                                                                                 |
| 3-2148238-1 | 31.310  | 30.690  | 0.81                                                                                                 |
| 3-2148238-2 | 32.320  | 31.680  | 0.81                                                                                                 |
| 3-2148238-3 | 33.330  | 32.670  | 0.82                                                                                                 |
| 3-2148238-4 | 34.340  | 33.660  | 0.82                                                                                                 |
| 3-2148238-5 | 35.350  | 34.650  | 0.82                                                                                                 |
| 3-2148238-6 | 36.360  | 35.640  | 0.83                                                                                                 |
| 3-2148238-7 | 37.370  | 36.630  | 0.83                                                                                                 |
| 3-2148238-8 | 38.380  | 37.620  | 0.83                                                                                                 |
| 3-2148238-9 | 39.390  | 38.610  | 0.84                                                                                                 |
| 4-2148238-0 | 40.400  | 39.600  | 0.84                                                                                                 |
| 4-2148238-1 | 41.410  | 40.590  | 0.84                                                                                                 |
| 4-2148238-2 | 42.420  | 41.580  | 0.85                                                                                                 |
| 4-2148238-3 | 43.430  | 42.570  | 0.85                                                                                                 |
| 4-2148238-4 | 44.440  | 43.560  | 0.85                                                                                                 |
| 4-2148238-5 | 45.450  | 44.550  | 0.86                                                                                                 |
| 4-2148238-6 | 46.460  | 45.540  | 0.86                                                                                                 |
| 4-2148238-7 | 47.470  | 46.530  | 0.86                                                                                                 |
| 4-2148238-8 | 48.480  | 47.520  | 0.87                                                                                                 |
| 4-2148238-9 | 49.490  | 48.510  | 0.87                                                                                                 |
| 5-2148238-0 | 50.500  | 49.500  | 0.88                                                                                                 |
| 5-2148238-5 | 55.550  | 54.450  | 0.89                                                                                                 |
| 6-2148238-0 | 60.600  | 59.400  | 0.91                                                                                                 |
| 6-2148238-5 | 65.650  | 64.350  | 0.93                                                                                                 |
| 7-2148238-0 | 70.700  | 69.300  | 0.95                                                                                                 |
| 7-2148238-5 | 75.750  | 74.250  | 0.96                                                                                                 |
| 8-2148238-0 | 80.800  | 79.200  | 0.98                                                                                                 |
| 8-2148238-5 | 86.000  | 84.000  | 1.00                                                                                                 |
| 9-2148238-0 | 91.350  | 88.650  | 1.02                                                                                                 |
| 9-2148238-5 | 96.425  | 95.575  | 1.03                                                                                                 |
| 9-2148238-9 | 101.500 | 98.500  | 1.05                                                                                                 |
| 9-2148238-8 | 151.500 | 148.500 | 1.23                                                                                                 |

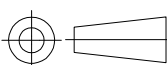
D

C

B

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2148238

|                                                                                       |                                                                             |                                    |                                                                                                       |                                                                                                           |           |            |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|-----------|------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |                                                                             | DWN<br>SHI BI YUN<br>24AUG2011     |  TE Connectivity |                                                                                                           |           |            |
| DIMENSIONS:<br>METERS                                                                 |                                                                             | CHK<br>ZHANG JINQIANG<br>24AUG2011 |                                                                                                       |                                                                                                           |           |            |
|  | TOLERANCES UNLESS OTHERWISE SPECIFIED:                                      |                                    | APVD<br>RICHARD_ZHAO<br>24AUG2011                                                                     | NAME                                                                                                      |           |            |
|                                                                                       | 0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - |                                    | PRODUCT SPEC                                                                                          | CABLE ASSEMBLY, FIBER OPTIC, CXP, 50/125um OM3<br>24 FIBER, INTERCONNECT CABLE<br>MPO, NO PINS, BOTH ENDS |           |            |
| MATERIAL                                                                              |                                                                             | FINISH                             | APPLICATION SPEC                                                                                      | SIZE                                                                                                      | CAGE CODE | DRAWING NO |
| -                                                                                     |                                                                             | -                                  | WEIGHT                                                                                                | A2                                                                                                        | 00779     | C=2148238  |
| CUSTOMER DRAWING                                                                      |                                                                             |                                    |                                                                                                       | SCALE                                                                                                     | SHEET     | REV        |
|                                                                                       |                                                                             |                                    |                                                                                                       | NTS                                                                                                       | 2 OF 2    | A2         |