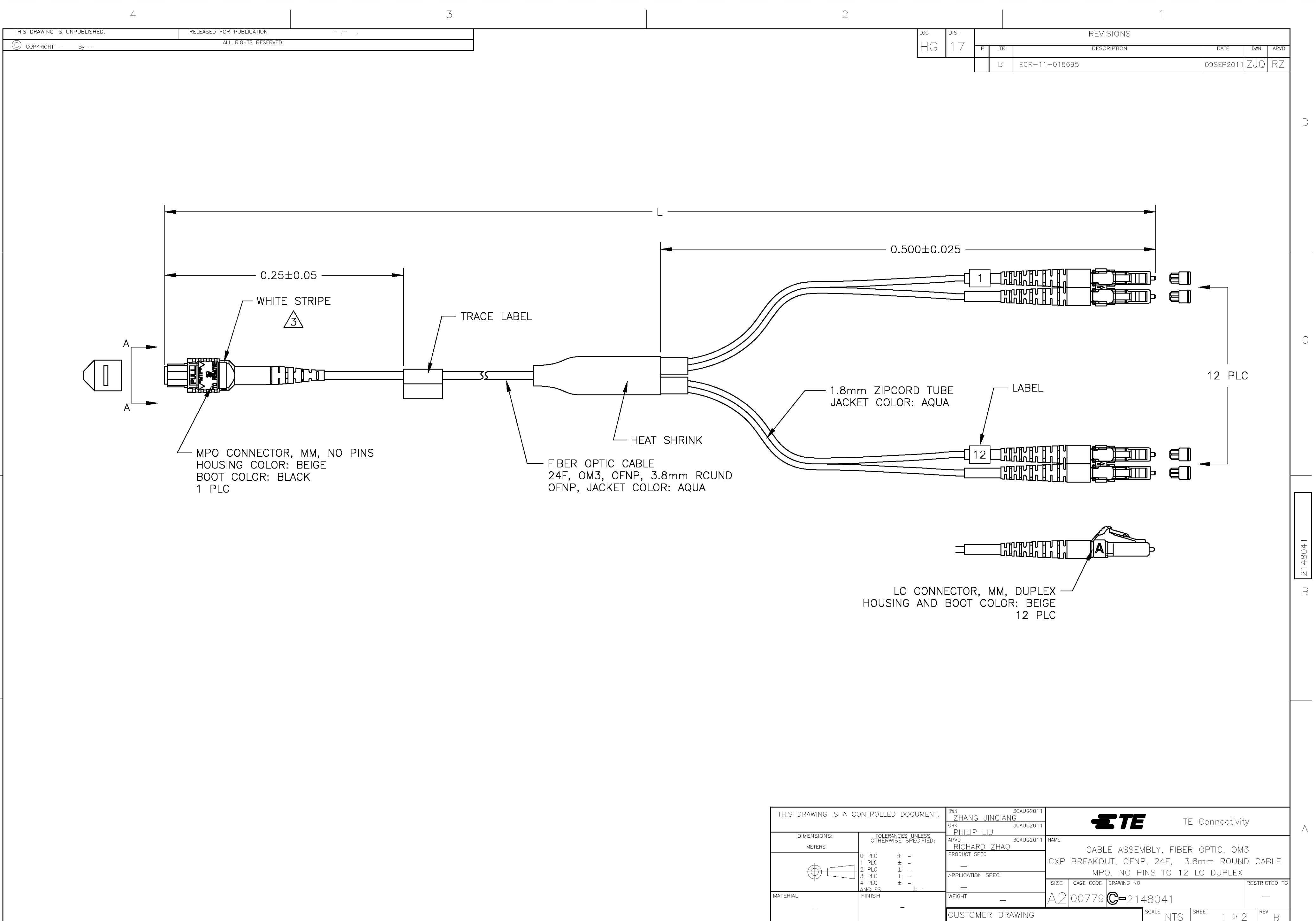
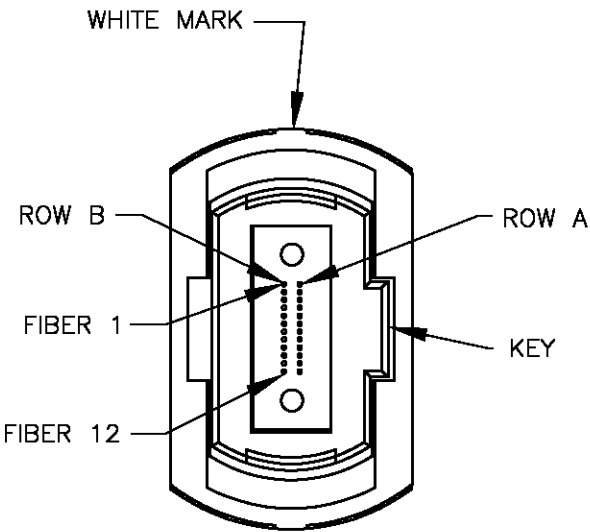




| LOC | DIST | REVISIONS |     |             |      |     |
|-----|------|-----------|-----|-------------|------|-----|
|     |      | P         | LTR | DESCRIPTION | DATE | DWN |
| HG  | 17   |           |     | SEE SHEET 1 | -    | -   |

| PART NUMBER | L       |        | MPO MAX IL (dB) | LC MAX IL (dB) |
|-------------|---------|--------|-----------------|----------------|
|             | MAX     | MIN    |                 |                |
| 2148041-1   | 1.050   | 0.950  | 1.00            | 0.30           |
| 2148041-2   | 2.050   | 1.950  | 1.01            | 0.31           |
| 2148041-3   | 3.050   | 2.950  | 1.01            | 0.31           |
| 2148041-4   | 4.080   | 3.920  | 1.01            | 0.31           |
| 2148041-5   | 5.080   | 4.920  | 1.02            | 0.32           |
| 2148041-6   | 6.080   | 5.920  | 1.02            | 0.32           |
| 2148041-7   | 7.080   | 6.920  | 1.02            | 0.32           |
| 2148041-8   | 8.080   | 7.920  | 1.03            | 0.33           |
| 2148041-9   | 9.150   | 8.850  | 1.03            | 0.33           |
| 1-2148041-0 | 10.150  | 9.850  | 1.04            | 0.34           |
| 1-2148041-1 | 11.150  | 10.850 | 1.04            | 0.34           |
| 1-2148041-2 | 12.150  | 11.850 | 1.04            | 0.34           |
| 1-2148041-3 | 13.150  | 12.850 | 1.05            | 0.35           |
| 1-2148041-4 | 14.150  | 13.850 | 1.05            | 0.35           |
| 1-2148041-5 | 15.150  | 14.850 | 1.05            | 0.35           |
| 1-2148041-6 | 16.160  | 15.840 | 1.06            | 0.36           |
| 1-2148041-7 | 17.170  | 16.830 | 1.06            | 0.36           |
| 1-2148041-8 | 18.180  | 17.820 | 1.06            | 0.36           |
| 1-2148041-9 | 19.190  | 18.810 | 1.07            | 0.37           |
| 2-2148041-0 | 20.200  | 19.800 | 1.07            | 0.37           |
| 2-2148041-1 | 21.210  | 20.790 | 1.07            | 0.37           |
| 2-2148041-2 | 22.220  | 21.780 | 1.08            | 0.38           |
| 2-2148041-3 | 23.230  | 22.770 | 1.08            | 0.38           |
| 2-2148041-4 | 24.240  | 23.760 | 1.08            | 0.38           |
| 2-2148041-5 | 25.250  | 24.750 | 1.09            | 0.39           |
| 2-2148041-6 | 26.260  | 25.740 | 1.09            | 0.39           |
| 2-2148041-7 | 27.270  | 26.730 | 1.09            | 0.39           |
| 2-2148041-8 | 28.280  | 27.720 | 1.10            | 0.40           |
| 2-2148041-9 | 29.290  | 28.710 | 1.10            | 0.40           |
| 3-2148041-0 | 30.300  | 29.700 | 1.11            | 0.41           |
| 3-2148041-1 | 31.310  | 30.690 | 1.11            | 0.41           |
| 3-2148041-2 | 32.320  | 31.680 | 1.11            | 0.41           |
| 3-2148041-3 | 33.330  | 32.670 | 1.12            | 0.42           |
| 3-2148041-4 | 34.340  | 33.660 | 1.12            | 0.42           |
| 3-2148041-5 | 35.350  | 34.650 | 1.12            | 0.42           |
| 3-2148041-6 | 36.360  | 35.640 | 1.13            | 0.43           |
| 3-2148041-7 | 37.370  | 36.630 | 1.13            | 0.43           |
| 3-2148041-8 | 38.380  | 37.620 | 1.13            | 0.43           |
| 3-2148041-9 | 39.390  | 38.610 | 1.14            | 0.44           |
| 4-2148041-0 | 40.400  | 39.600 | 1.14            | 0.44           |
| 4-2148041-1 | 41.410  | 40.590 | 1.14            | 0.44           |
| 4-2148041-2 | 42.420  | 41.580 | 1.15            | 0.45           |
| 4-2148041-3 | 43.430  | 42.570 | 1.15            | 0.45           |
| 4-2148041-4 | 44.440  | 43.560 | 1.15            | 0.45           |
| 4-2148041-5 | 45.450  | 44.550 | 1.16            | 0.46           |
| 4-2148041-6 | 46.460  | 45.540 | 1.16            | 0.46           |
| 4-2148041-7 | 47.470  | 46.530 | 1.16            | 0.46           |
| 4-2148041-8 | 48.480  | 47.520 | 1.17            | 0.47           |
| 4-2148041-9 | 49.490  | 48.510 | 1.17            | 0.47           |
| 5-2148041-0 | 50.500  | 49.500 | 1.18            | 0.48           |
| 5-2148041-5 | 55.550  | 54.450 | 1.19            | 0.49           |
| 6-2148041-0 | 60.600  | 59.400 | 1.21            | 0.51           |
| 6-2148041-5 | 65.650  | 64.350 | 1.23            | 0.53           |
| 7-2148041-0 | 70.700  | 69.300 | 1.25            | 0.55           |
| 7-2148041-5 | 75.750  | 74.250 | 1.26            | 0.56           |
| 8-2148041-0 | 80.800  | 79.200 | 1.28            | 0.58           |
| 8-2148041-5 | 86.000  | 84.000 | 1.30            | 0.60           |
| 9-2148041-0 | 91.350  | 88.650 | 1.32            | 0.62           |
| 9-2148041-5 | 96.425  | 94.575 | 1.33            | 0.63           |
| 9-2148041-9 | 101.500 | 98.500 | 1.35            | 0.65           |



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

MPO CONNECTOR FIBER PATH

- 1 SEE TABLE FOR MPO&LC IL @ 850nm
2. PLACE A COPY OF TEST DATA INSIDE OR WITH THE UNIT PACKAGE.
- 3 WHITE MARK ON CONNECTOR HOUSING INDICATES FIBER 1 SIDE.
4. PRODUCT AND PROCESSING MUST MEET REQUIREMENTS OF TE CONNECTIVITY STANDARD TEC-138-702.

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS: METERS

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0 PLC ± -  
1 PLC ± -  
2 PLC ± -  
3 PLC ± -  
4 PLC ± -  
ANGLES ± -  
FINISH -

DWN 30AUG2011 ZHANG JINQIANG  
CHK 30AUG2011 PHILIP LIU  
APVD 30AUG2011 RICHARD ZHAO

NAME  
CABLE ASSEMBLY, FIBER OPTIC, OM3  
CXP BREAKOUT, OFNP, 24F, 3.8mm ROUND CABLE  
MPO, NO PINS TO 12 LC DUPLEX

SIZE A2  
CAGE CODE 00779  
DRAWING NO C=2148041  
RESTRICTED TO -

CUSTOMER DRAWING

SCALE NTS  
SHEET 2 OF 2  
REV B