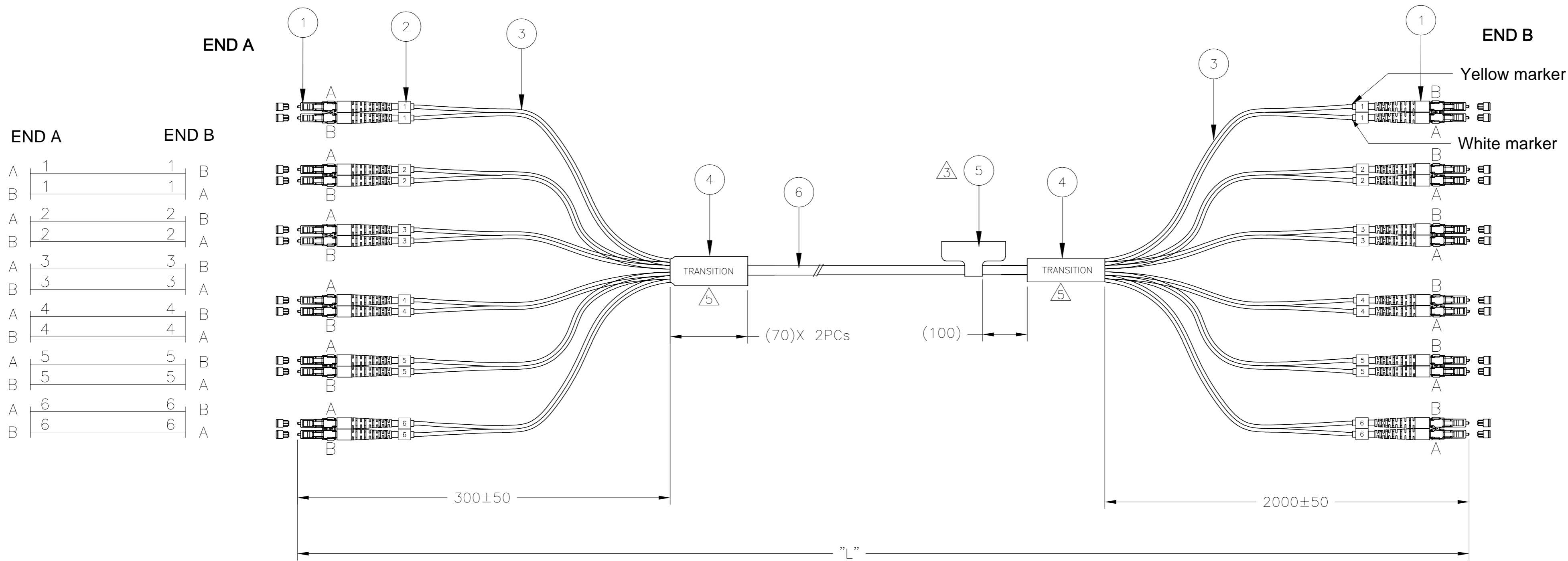
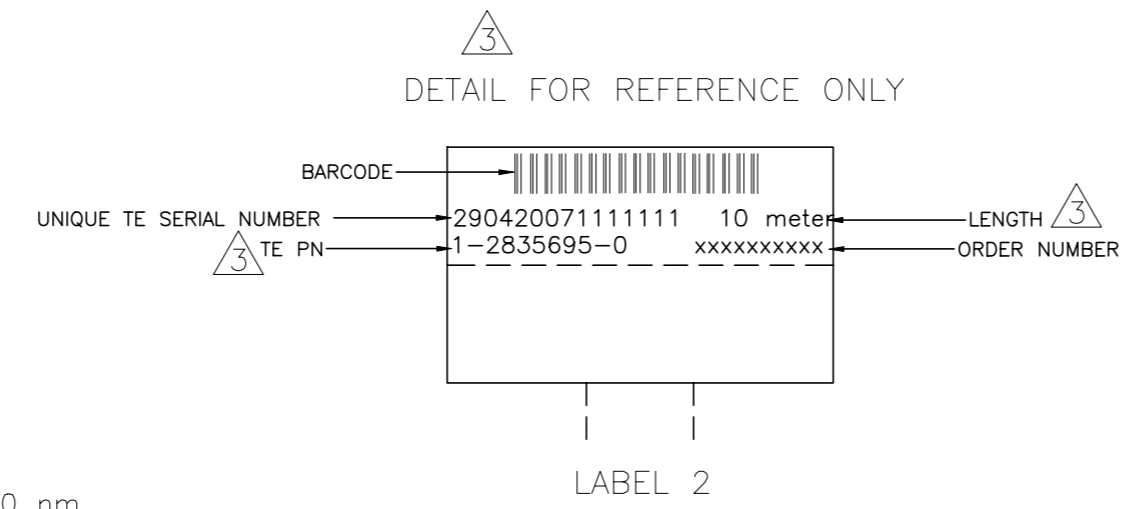


| REVISIONS |     |               |           |     |      |
|-----------|-----|---------------|-----------|-----|------|
| P         | LTR | DESCRIPTION   | DATE      | DWN | APVD |
|           | A1  | ECR-22-157618 | 07NOV2022 | SS  | WH   |



| END A |   | END B |   |
|-------|---|-------|---|
| A     | 1 | 1     | B |
| B     | 1 | 1     | A |
| A     | 2 | 2     | B |
| B     | 2 | 2     | A |
| A     | 3 | 3     | B |
| B     | 3 | 3     | A |
| A     | 4 | 4     | B |
| B     | 4 | 4     | A |
| A     | 5 | 5     | B |
| B     | 5 | 5     | A |
| A     | 6 | 6     | B |
| B     | 6 | 6     | A |



NOTES:

- 1 MAX. CONNECTOR ATTENUATION 0.3dB, MEASURED AT 1310 nm AND 1550 nm ACCORDING TO IEC 61300-3-4 INSERTION METHOD B
- 2 MIN. RETURN LOSS 50 dB, IN MATED CONDITION AGAINST REFERENCE CONNECTOR AT 1310 nm AND 1550 nm
- 3 INFORMATION ON LABEL, SEE DETAIL FOR EXAMPLE.
- 4 CABLE INFORMATION:
  - CORE DIAMETER: 9/125um
  - OUTER JACKET DIAMETER: ø6.8MM
  - OUTER JACKET COLOUR: BLACK
  - OUTER JACKET MATERIAL: LSZH
  - CABLE ATTENUATION:0.4dB/km @1310 nm OR 0.3dB/km @1550 nm
  - UL1666 & CPR: Dca-s2,d1,a1 COMPLIANCE
- 5 THE TRANSITION DEVICE MEETS IP67

| Qty | Description  | Item |
|-----|--|------|
| L   | ø6.8MM FO CABLE 12FIBER, SINGLE MODE G657A2, LSZH, BLACK | 6    |
| 1   | MARKER LABEL 2   | 5    |
| 2   | CABLE BRANCHING DEVICE, 12C                              | 4    |
| L   | FLEXIBLE PROTECTION TUBE, LSZH, BLACK ø2-2.5mm           | 3    |
| 24  | MARKER LABEL 1   | 2    |
| 12  | LC DUPLEX CONNECTOR, SINGLE MODE, BLUE                   | 1    |

THIS DRAWING IS A CONTROLLED DOCUMENT.

|   |           |                                  |                 |
|---|-----------|----------------------------------|-----------------|
| DWN   | 20NOV2020 |                                  | TE Connectivity |
| CHK   | 20NOV2020 |                                  |                 |
| APVD  | 20NOV2020 |                                  |                 |
| DIMENSIONS: mm<br>  |           | NAME                             |                 |
| TOLERANCES UNLESS OTHERWISE SPECIFIED:<br>0 PLC ± -<br>1 PLC ± -<br>2 PLC ± -<br>3 PLC ± -<br>4 PLC ± -<br>ANGLES ± - |           | PRODUCT SPEC<br>APPLICATION SPEC |                 |
| MATERIAL  |           | WEIGHT                           | RESTRICTED TO   |
| FINISH  |           | SCALE                            | SHEET           |

Customer Drawing: FOSM 12F LC DUPLEX-LC DUPLEX

Scale: NTS, Sheet: 1 of 2, Rev: A1

2835696

4



3

2

1

| REVISIONS |     |             |      |      |
|-----------|-----|-------------|------|------|
| P         | LTR | DESCRIPTION | DATE | APVD |
| -         | -   | SEE SHEET 1 | -    | -    |

| LENGTH "L" IN MM | TOLERANCE |
|------------------|-----------|
| L ≤ 50000        | ±1%       |
| L > 50000        | ±1%       |

| PART NUMBER  | DESCRIPTION                       |  LENGTH (Meters) | REMARKS |
|---|-----------------------------------|---|---------|
| 1-2835696-0   | FOSM 12F LC DUPLEX-LC DUPLEX,10m  | 10±0.10   |         |
| 2-2835696-0   | FOSM 12F LC DUPLEX-LC DUPLEX,20m  | 20±0.20   |         |
| 3-2835696-0   | FOSM 12F LC DUPLEX-LC DUPLEX,30m  | 30±0.30   |         |
| 5-2835696-0   | FOSM 12F LC DUPLEX-LC DUPLEX,50m  | 50±0.50   |         |
| 7-2835696-0   | FOSM 12F LC DUPLEX-LC DUPLEX,70m  | 70±0.70   |         |
| 9-2835696-9   | FOSM 12F LC DUPLEX-LC DUPLEX,100m | 100±1.0   |         |
| 9-2835696-8   | FOSM 12F LC DUPLEX-LC DUPLEX,150m | 150±1.5   |         |
| 9-2835696-6   | FOSM 12F LC DUPLEX-LC DUPLEX,250m | 250±2.5   |         |

D

D

C

C


B

B

A

A

2835696

|  |        |                                     |   |                    |
|--|--------|-------------------------------------|---|--------------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. |        | DWN<br>SIDDHARTH SINGH<br>20NOV2020 |  TE Connectivity |                    |
|  |        | CHK<br>HERBERT. ZHANG<br>20NOV2020  |   |                    |
| DIMENSIONS:<br>mm                      |        | APVD<br>ROGER SONG<br>20NOV2020     | NAME<br>FOSM 12F LC DUPLEX-LC DUPLEX  |                    |
| TOLERANCES UNLESS OTHERWISE SPECIFIED: |        | PRODUCT SPEC                        | -   |                    |
| 0 PLC ± -                              |        | APPLICATION SPEC                    | -   |                    |
| 1 PLC ± -                              |        |                                     |   |                    |
| 2 PLC ± -                              |        |                                     |   |                    |
| 3 PLC ± -                              |        |                                     |   |                    |
| 4 PLC ± -                              |        |                                     |   |                    |
| ANGLES ± -                             |        |                                     |   |                    |
| MATERIAL                               | FINISH | WEIGHT                              | SIZE<br>A2  | CAGE CODE<br>00779 |
| -                                      | -      | -                                   | DRAWING NO<br>C=2835696   | RESTRICTED TO<br>- |
| CUSTOMER DRAWING                       |        |                                     | SCALE<br>NTS  | SHEET<br>2 of 2    |
|  |        |                                     | REV<br>A1   |                    |