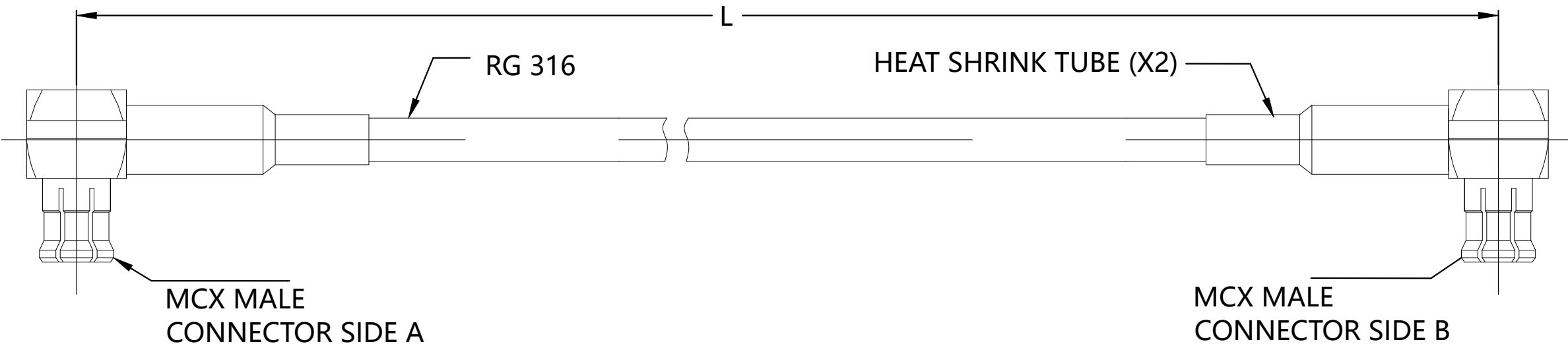


| REVISIONS |     |                               |           |     |      |
|-----------|-----|-------------------------------|-----------|-----|------|
| P         | LTR | DESCRIPTION                   | DATE      | DWN | APVD |
|           | A1  | ECN-24-278966; TYPO ERROR HST | 08AUG2024 | TP  | WH   |

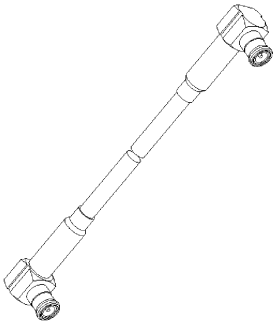


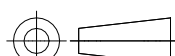
NOTES:

- 1 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;
- 2 ELECTRICAL CHARACTERISTICS :  
FREQUENCY RANGE : DC-6 GHz  
NOMINAL IMPEDANCE : 50 OHMS  
INSULATION RESISTANCE : >1000 MOHMS  
WORKING VOLTAGE : 335 VRMS MAX  
DIELECTRIC WITHSTANDING VOLTAGE : >1000 VOLTS
- 3 MECHANICAL CHARACTERISTICS :  
DURABILITY : 500 CYCLES  
CABLE RETENTION FORCE : >15lbs  
CABLE STATIC BENDING RADIUS :13MM MIN
- 4 TEMPERATURE RANGE: -45°-+125°
- 5 RoHS: COMPLIANT.
- 6 CONNECTOR SIDE A & B  
CENTER CONTACT: BRASS. 30 MICROINCHES GOLD PLATED, 100 MICROINCHES OVER NICKEL UNDERPLATED, 50 MICROINCHES OVER COPPER UNDERPLATED.  
INSULATION: PTFE.  
BODY: BRASS, 3 MICROINCHES GOLD PLATED,100 MICROINCHES OVER NICKEL UNDERPLATED, 50 MICROINCHES OVER COPPER UNDERPLATED.

| TEPN      | L(mm)  | INS LOSS(MAX)    | VSWR              |
|-----------|--------|------------------|-------------------|
| 2480655-1 | 153±6  | <0.9dB(DC-6GHz)  | 1.35 MAX(DC-6GHz) |
| 2480655-2 | 305±10 | <1.30dB(DC-6GHz) | 1.35 MAX(DC-6GHz) |

|                   |    |    |    |    |     |     |            |      |                                                                                       |      |
|-------------------|----|----|----|----|-----|-----|------------|------|---------------------------------------------------------------------------------------|------|
|                   |    |    |    |    | 2   | 2   | PC         | /    | HEAT SHRINK(BLACK)                                                                    | 4    |
|                   |    |    |    |    | 1   | 1   | PC         | /    | MCX MALE CONNECTOR                                                                    | 3    |
|                   |    |    |    |    | 305 | 153 | mm         | /    | CABLE: RG316<br>INSULATORS: PTFE<br>JACKET MATERIAL: FEP<br>JACKET COLOR: LIGHT BROWN | 2    |
|                   |    |    |    |    | 1   | 1   | PC         | /    | MCX MALE CONNECTOR                                                                    | 1    |
| -7                | -6 | -5 | -4 | -3 | -2  | -1  | U/N        | TEPN | DESCRIPTION                                                                           | ITEM |
| QUANTITY PER ASSY |    |    |    |    |     |     | PARTS LIST |      |                                                                                       |      |



|                                                                                       |  |                                                                                                                                                                                        |  |                           |  |                                                                                                                 |  |                 |  |            |  |                    |  |                         |  |
|---------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|-----------------------------------------------------------------------------------------------------------------|--|-----------------|--|------------|--|--------------------|--|-------------------------|--|
| THIS DRAWING IS A CONTROLLED DOCUMENT.                                                |  |                                                                                                                                                                                        |  | DWN<br>TP<br>10JAN2024    |  | <div>TE Connectivity</div> |  |                 |  |            |  |                    |  |                         |  |
|                                                                                       |  |                                                                                                                                                                                        |  | CHK<br>ED<br>10JAN2024    |  |                                                                                                                 |  |                 |  |            |  |                    |  |                         |  |
| DIMENSIONS:<br>mm                                                                     |  | <div>TOLERANCES UNLESS OTHERWISE SPECIFIED:</div> <div><div>0 PLC ± 5</div><div>1 PLC ± -</div><div>2 PLC ± -</div><div>3 PLC ± -</div><div>4 PLC ± -</div><div>ANGLES ± 5</div></div> |  | APVD<br>WH<br>10JAN2024   |  | NAME<br><br>MCX M To MCX M RA RG316 50 Ohm                                                                      |  |                 |  |            |  |                    |  |                         |  |
|  |  |                                                                                                                                                                                        |  | PRODUCT SPEC              |  |                                                                                                                 |  |                 |  |            |  |                    |  |                         |  |
|                                                                                       |  |                                                                                                                                                                                        |  | SEE NOTES                 |  |                                                                                                                 |  |                 |  |            |  |                    |  |                         |  |
|                                                                                       |  |                                                                                                                                                                                        |  | APPLICATION SPEC          |  |                                                                                                                 |  |                 |  |            |  |                    |  |                         |  |
|                                                                                       |  |                                                                                                                                                                                        |  | MATERIAL<br><br>SEE TABLE |  | FINISH<br><br>-                                                                                                 |  | -               |  | SIZE<br>A3 |  | CAGE CODE<br>00779 |  | DRAWING NO<br>C-2480655 |  |
|                                                                                       |  |                                                                                                                                                                                        |  | WEIGHT<br>0               |  |                                                                                                                 |  |                 |  |            |  |                    |  |                         |  |
| CUSTOMER DRAWING                                                                      |  |                                                                                                                                                                                        |  |                           |  | SCALE<br>1:1                                                                                                    |  | SHEET<br>1 of 2 |  | REV<br>A1  |  |                    |  |                         |  |