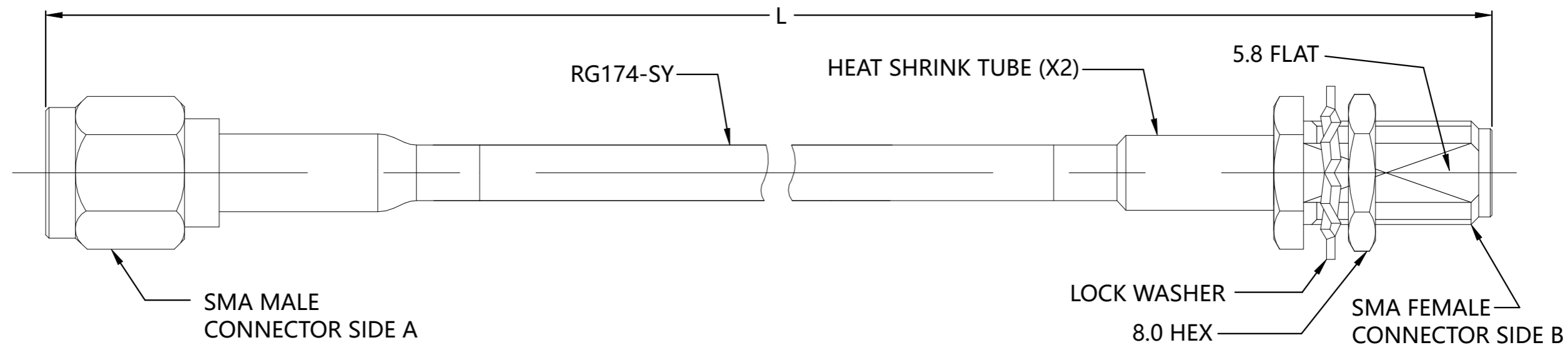


| REVISIONS | | | | | |
|-----------|-----|-------------------------------|-----------|-----|------|
| P | LTR | DESCRIPTION | DATE | DWN | APVD |
| | A1 | ECN-24-278966; TYPO ERROR HST | 08AUG2024 | TP | WH |



NOTES:

- 1 ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED;
- 2 ELECTRICAL CHARACTERISTICS :
 FREQUENCY RANGE : DC-3 GHz
 NOMINAL IMPEDANCE : 50 OHMS
 INSULATION RESISTANCE : >5000 MOHMS
 WORKING VOLTAGE : 335 V(rms) MAX
 DIELECTRIC WITHSTANDING VOLTAGE : >500 VOLTS
- 3 MECHANICAL CHARACTERISTICS :
 DURABILITY : 500 CYCLES
 CABLE RETENTION FORCE : >6lbs
 CABLE STATIC BENDING RADIUS :12MM MIN.
- 4 TEMPERATURE RANGE: -40°-+105°
- 5 RoHS: COMPLIANT.
- 6 CONNECTOR SIDE A
 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, 50 MICROINCHES OVER COPPER UNDERPLATED.

CONNECTOR SIDE 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, 50 MICROINCHES OVER COPPER UNDERPLATED.



| TEPN | L(mm) | IL(MAX) | VSWR |
|-----------|---------|------------------|-------------------|
| 2480656-1 | 304.8±6 | <0.85dB(DC-3GHz) | 1.35 MAX(DC-3GHz) |
| 2480656-2 | 500.0±6 | <1.20dB(DC-3GHz) | 1.35 MAX(DC-3GHz) |

| -7 | -6 | -5 | -4 | -3 | -2 | -1 | U/N | TEPN | DESCRIPTION | ITEM |
|----|----|----|----|----|-----|-------|-----|------|--|------|
| | | | | | 2 | 2 | PC | / | HEAT SHRINK | 4 |
| | | | | | 1 | 1 | PC | / | SMA MALE CONNECTOR | 3 |
| | | | | | 500 | 304.8 | mm | / | CABLE: RG174-SY INSULATION: PE, NATURAL JACKET MATERIAL: LOW SMOKE HALOGEN FREE POLYOLEFIN JACKET COLOR: BLACK | 2 |
| | | | | | 1 | 1 | PC | / | SMA FEMALE CONNECTOR | 1 |

| | | | | | |
|--|--|---|---|-------------------------------|-----------------|
| THIS DRAWING IS A CONTROLLED DOCUMENT. | | DWN TP 11JAN2024 | TE Connectivity SMA M TO SMA F ST Bulkhead RG174 | | |
| | | CHK ED 11JAN2024 | | | |
| | | APVD WH 11JAN2024 | | | |
| | | NAME | | | |
| DIMENSIONS: mm | | TOLERANCES UNLESS OTHERWISE SPECIFIED: | | PRODUCT SPEC | |
| | | 0 PLC ± 5 1 PLC ± - 2 PLC ± - 3 PLC ± - 4 PLC ± - ANGLES ± 5 | | SEE NOTES APPLICATION SPEC | |
| MATERIAL SEE TABLE | | FINISH - | | WEIGHT 0 | |
| | | | | SIZE A3 | CAGE CODE 00779 |
| | | | | DRAWING NO C-2480656 | |
| | | | | RESTRICTED TO - | |
| | | | | SCALE 1:1 | SHEET 1 OF 2 |
| | | | | REV A1 | |

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[TE Connectivity:](#)

[2480656-1](#) [2480656-2](#)