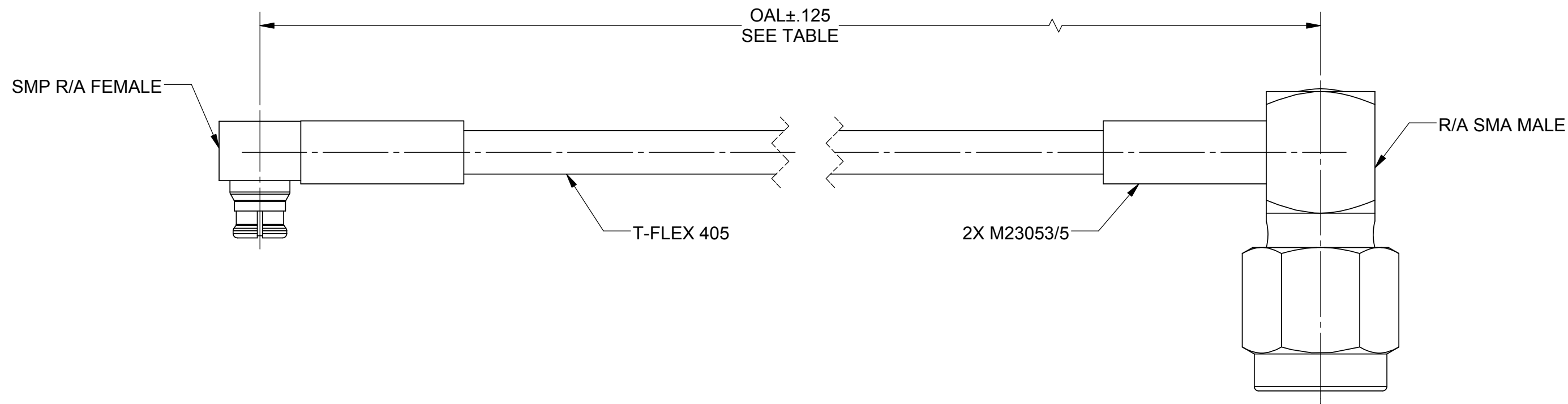


# PRODUCT DATA DRAWING

| REVISION HISTORY |             |       |          |
|------------------|-------------|-------|----------|
| REV              | DESCRIPTION | DATE  | APPROVED |
| -                | NRN 42259   | 05/18 | STW      |
|                  |             |       |          |
|                  |             |       |          |



**MATERIAL:**

CONNECTORS: SMP FEMALE (1222-4011), SMA MALE (SF2915-6001)

CABLE: T-FLEX 405

SHRINK TUBING: M23053/5

**PERFORMANCE:**

IMPEDANCE: 50 OHMS  
 FREQ. RANGE: DC TO 12.4 GHz  
 VSWR: 1.50:1 MAX, DC TO 12.4 GHz  
 INSER. LOSS: SEE TABLE

| TABLE 1   |        |                 |
|-----------|--------|-----------------|
| SV P/N    | OAL    | MAX INSER. LOSS |
| 7012-1327 | 6.000  | 0.85 dB         |
| 7012-1328 | 12.000 | 1.27 dB         |
| 7012-1329 | 24.000 | 2.12 dB         |

|   |  |   |  |
|---|--|---|--|
| MATERIAL: SEE NOTES   | DIMENSIONS ARE IN INCHES TOLERANCES:<br>FRACTIONAL: ±1/64 ANGULAR: X° ±1'0"<br>X°X' ±15' | UNLESS OTHERWISE SPECIFIED<br>1) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)<br>2) ALL DIMENSIONS ARE AFTER PLATING.<br>3) BREAK CORNERS & EDGES .005 R. MAX.<br>4) CHAM. 1ST & LAST THREADS.<br>5) SURFACE ROUGHNESS 63-MIL-STD-10.<br>6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R.<br>7) REMOVE ALL BURRS | <br>Amphenol<br>2400 Centrepark West Drive, Suite 100<br>West Palm Beach, FL 33409 |
| FINISH: SEE NOTES   | DECIMAL: X ±.030<br>.XX ±.010<br>.XXX ±.005  |   |  |
| SURFACE AREA: N/A   | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994                               | THIRD ANGLE PROJECTION  | TITLE: SMP R/A FEM TO SMA R/A MALE FOR T-FLEX 405                                  |
| PROPRIETARY<br>THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SV MICROWAVE, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED. |  | DRAWN: DEF 05/07/18<br>CHECKED: STW 05/07/18<br>APPROVED: STW 05/07/18  | SIZE: B CAGE CODE: 95077 DWG. NO.: 7012-1327-1329<br>SCALE: 1:2 SHEET 1 OF 1       |