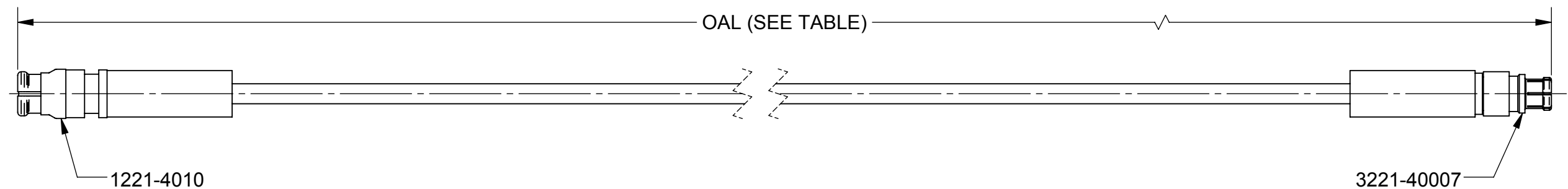


ROHS COMPLIANT

| REVISION HISTORY |             |       |          |
|------------------|-------------|-------|----------|
| REV              | DESCRIPTION | DATE  | APPROVED |
| -                | DCN 46496   | 06/17 | GPF      |
|                  |             |       |          |
|                  |             |       |          |

# PRODUCT DATA DRAWING



**MATERIAL:**

CONNECTORS: SMP STRAIGHT FEMALE (1221-4010)  
SMPM STRAIGHT FEMALE (3221-40007)

CABLE: STANDARD FLEXTRA CABLE (200-70-214)

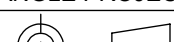
SHRINK TUBING: M23053/5

## PERFORMANCE:

IMPEDANCE: 50 OHMS

FREQ. RANGE: DC TO 40.0 GHz

| SV P/N    | L(OAL)    |
|-----------|-----------|
| 7012-1294 | (6.000")  |
| 7012-1295 | (12.000") |
| 7012-1296 | (24.000") |

|                                                                                                                                                                                                                          |           |                                                                                       |  |                                                                                                                                                                                                                                                                                                 |  |                                                                                                                                                             |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|---------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| MATERIAL:                                                                                                                                                                                                                | SEE NOTES | DIMENSIONS ARE IN INCHES TOLERANCES:                                                  |  | UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                                                                                                      |  | <br>2400 Centrepark West Drive, Suite 100<br>West Palm Beach, FL 33409 |  |
| FINISH:                                                                                                                                                                                                                  | SEE NOTES | FRACTIONAL: $\pm 1/64$ ANGULAR: $X^\circ \pm 1^\circ 0'$<br>$X^\circ X' \pm 15'$      |  | 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 |  | TITLE:<br><b>SMP FEMALE TO SMPM FEMALE FOR .047 CABLE ASSEMBLY</b>                                                                                          |  |
| SURFACE AREA:                                                                                                                                                                                                            | N/A       | DECIMAL: $X \pm .030$<br>$.XX \pm .010$<br>$.XXX \pm .005$                            |  | INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994                                                                                                                                                                                                                                      |  |                                                                                                                                                             |  |
| <b>PROPRIETARY</b><br><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. |           | THIRD ANGLE PROJECTION                                                                |  | DRAWN: VB 06/05/17                                                                                                                                                                                                                                                                              |  | SIZE: <b>B</b> CAGE CODE: <b>95077</b> DWG. NO. <b>7012-1294-1295-1296</b>                                                                                  |  |
|                                                                                                                                                                                                                          |           |  |  | CHECKED: GPF 06/05/17                                                                                                                                                                                                                                                                           |  | SCALE: 1:1 <div style="float: right;">SHEET 1 OF 1</div>                                                                                                    |  |
|                                                                                                                                                                                                                          |           |                                                                                       |  | APPROVED: GPF 06/05/17                                                                                                                                                                                                                                                                          |  |                                                                                                                                                             |  |