

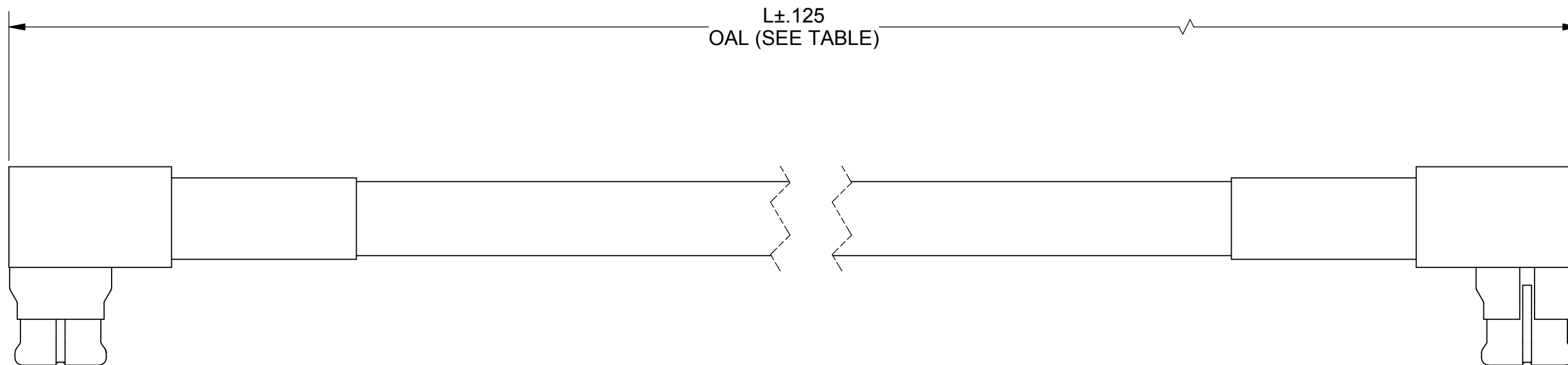


**THE DATASHEET OF**  
**7012-0800**



# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
01	PRELIMINARY	03/14	STW
-	NRN 38806	05/14	STW



**MATERIAL:**

2 SMP R/A FEMALE CONNECTORS: 1214-4001  
 T-FLEX 405 CABLE: 200-70-139  
 SINGLE WALL TUBING: M23053/5 (BLACK)

**PERFORMANCE:**

IMPEDANCE: 50 OHMS  
 FREQ. RANGE: DC TO 26.5 GHz  
 VSWR: 1.85:1 DC TO 26.5 GHz  
 INSERTION LOSS: SEE TABLE

SV P/N	L (OAL)	INSERTION LOSS dB MAX.
7012-0799	6.000"	1.29
7012-0800	12.000"	1.96
7012-0801	24.000"	3.30

MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1'0" X'X' ±15'	UNLESS OTHERWISE SPECIFIED 1) ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) 2) ALL DIMENSIONS ARE AFTER PLATING. 3) BREAK CORNERS & EDGES .005 R. MAX. 4) CHAM. 1ST & LAST THREADS. 5) SURFACE ROUGHNESS 63-MIL-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 7) REMOVE ALL BURRS	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409 TITLE: SMP R/A FEMALE TO SMP R/A FEMALE T-FLEX 405 CABLE ASSEMBLY
FINISH: SEE NOTES	DECIMAL: X ±.030 .XX ±.010 .XXX ±.005		
SURFACE AREA: N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	DRAWN: BNK 03/27/14	SIZE: B CAGE CODE: 95077 DWG. NO.: 7012-0799-0801
PROPRIETARY 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	CHECKED: STW 03/27/14	SCALE: 6:1
		APPROVED: STW 03/27/14	SHEET 1 OF 1

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