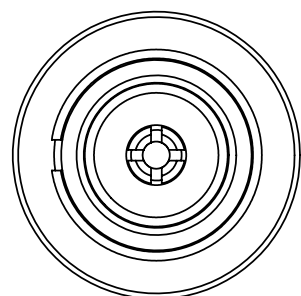
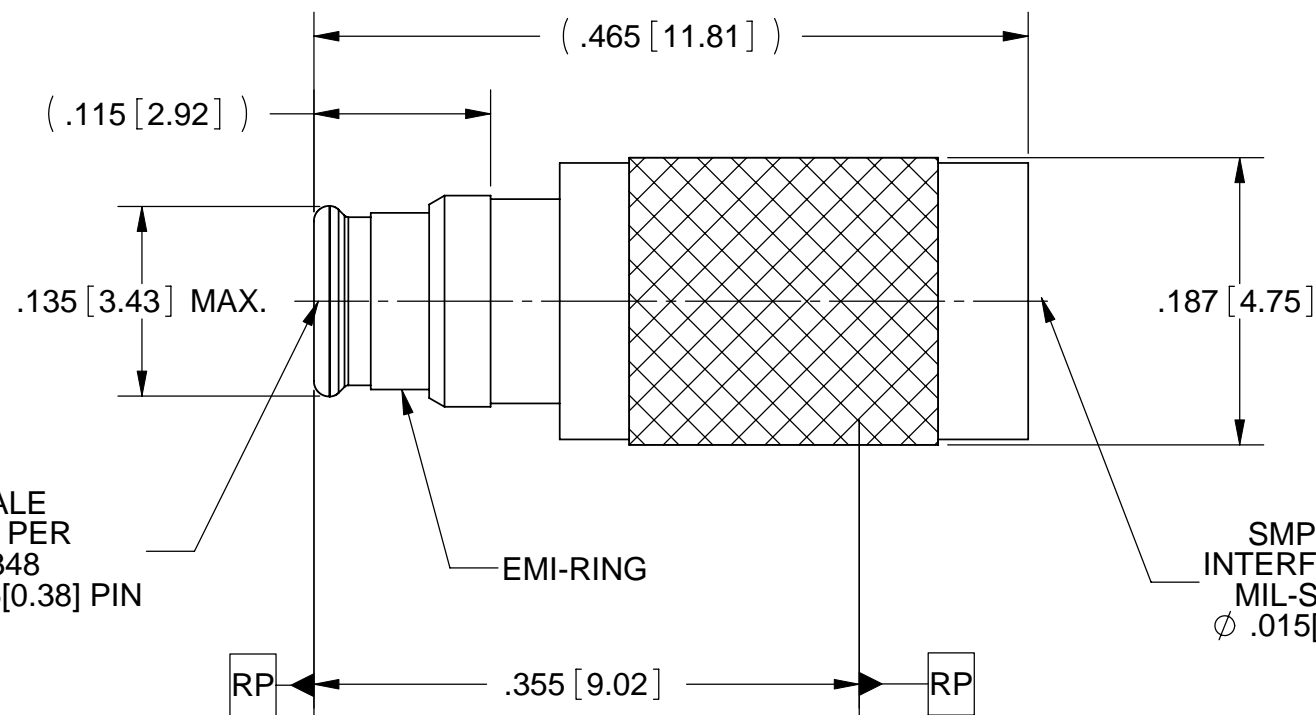


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. DCN 35358	09/12/07	STW



SMP FEMALE
INTERFACE PER
MIL-STD-348
ACCEPTS ϕ .015[0.38] PIN



SMP MALE
INTERFACE PER
MIL-STD-348
 ϕ .015[0.38] PIN

MATERIAL:

BODY, MALE: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1

BODY, FEMALE
EMI RING & CONTACT: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04

INSULATOR: PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

FINISH:

BODY, MALE: PASSIVATED PER AMS-2700, TYPE 2

BODY, FEMALE
EMI RING & CONTACT: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE: 50 OHMS
 FREQ. RANGE: DC TO 18.0 GHz
 VSWR: 1.15:1 DC TO 18.0 GHz
 INSERTION LOSS: 0.3dB MAX. DC TO 18 GHz.
 DWV: 500 VRMS
 OPERATING TEMP.: -55 °C TO +125 °C
 ENGAGEMENT/
 DISENGAGEMENT: PER DSCC 94008

PART NUMBER	MALE INTERFACE
1112-4009	FULL DETENT
1112-4011	LIMITED DETENT
1112-4012	SMOOTH BORE

MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1'0''$ X"X' $\pm 15''$	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	SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409 TITLE: ADAPTOR SMP MALE TO FEMALE
FINISH: SEE NOTES	DECIMAL: .X ± 0.030 .XX ± 0.010 .XXX ± 0.005		
SURFACE AREA: N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	DRAWN: JMC 09/12/07	SIZE: B CAGE CODE: 95077 DWG. NO.: 1112-4009 TO 4112
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 09/12/07	SCALE: 8:1
		APPROVED: STW 09/12/07	SHEET 1 OF 1