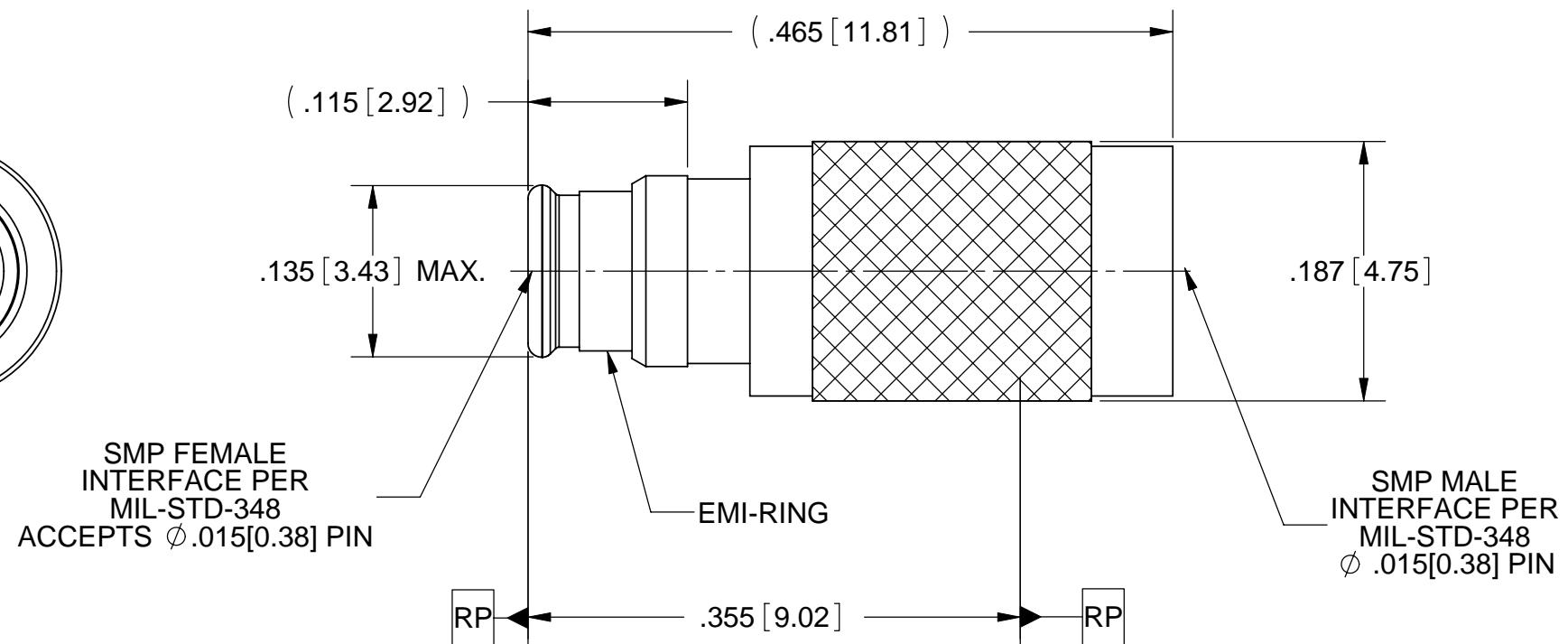
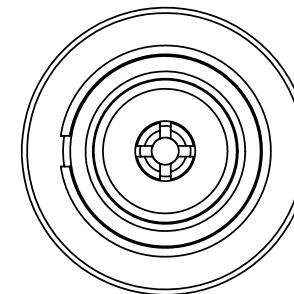


PRODUCT DATA DRAWING

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



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

MATERIAL:	SEE NOTES
FINISH:	SEE NOTES
SURFACE AREA:	N/A
PROPRIETARY	
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DIMENSIONS ARE IN INCHES TOLERANCES:
FRACTIONAL: $\pm 1/64$ ANGULAR: $X^\circ \pm 1^\circ$
X^oX' $\pm 15'$
DECIMAL: X $\pm .030$
XX $\pm .010$
XXX $\pm .005$
INTERPRET DIMENSIONS AND TOLERANCES
PER ASME Y14.5M - 1994

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 63µIN MIL-STD-10.
6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC
WITHIN .005 T.I.R.
7) REMOVE ALL BURRS

THIRD ANGLE PROJECTION	DRAWN: JMC 09/12/07
	CHECKED: STW 09/12/07
	APPROVED: STW 09/12/07

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

SV Microwave, Inc.

2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

TITLE: ADAPTOR
SMP MALE TO FEMALE

SIZE CAGE CODE DWG. NO.
B 95077 1112-4009 TO 4112
SCALE: 8:1 SHEET 1 OF 1