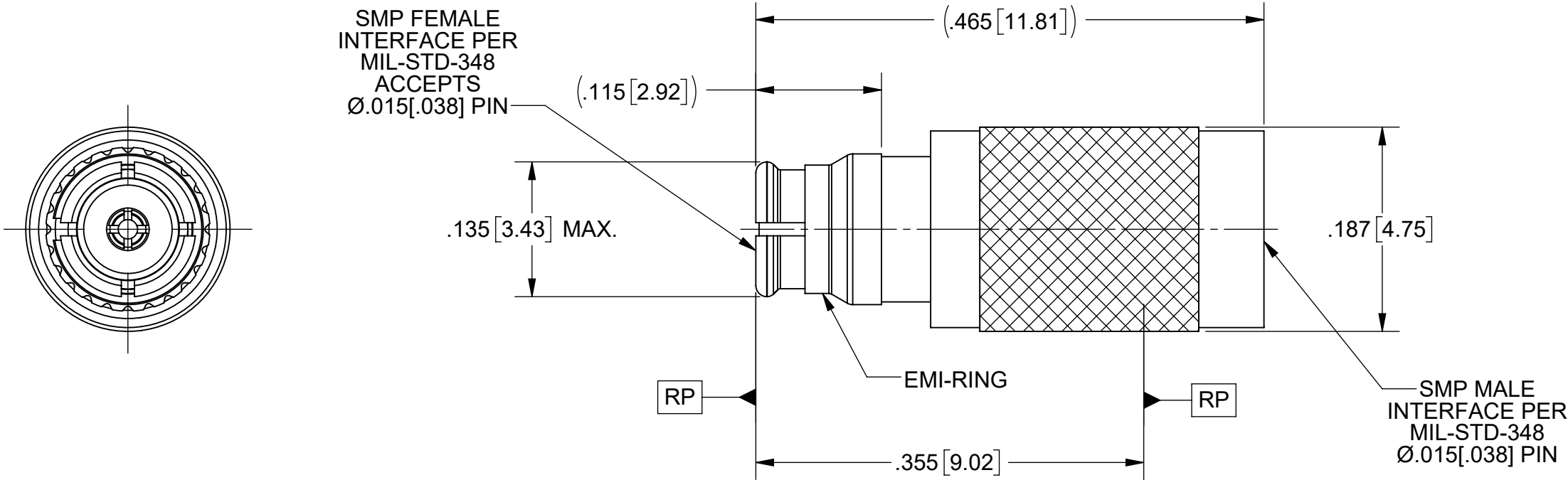


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. DCN 35358	09/12/07	STW
A	DCN 49208	07/19	STW



MATERIAL:

BODY, MALE: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1; OR ASTM A582 TYPE 303, COND. A

BODY, FEMALE: 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

BODY, FEMALE: GOLD PER ASTM B 488, 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 40.0 GHz.
VSWR: 1.25:1 MAX. DC TO 30.0 GHz.
1.55:1 MAX. 30.0 GHz TO 40.0 GHz.
INSERTION LOSS: .12 SQRT(F(F IN GHz.)) DC TO 40.0 GHz.

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° $\pm 1^{\circ}0'$ 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	 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409
FINISH: SEE NOTES	DECIMAL: .X $\pm .030$.XX $\pm .010$.XXX $\pm .005$	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: JMC 09/12/07	TITLE: ADAPTER SMP MALE TO SMP FEMALE
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		APPROVED: STW 09/12/07	SIZE B CAGE CODE 95077 DWG. NO. 1112-4009-4012
			SCALE: 8:1 SHEET 1 OF 1

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