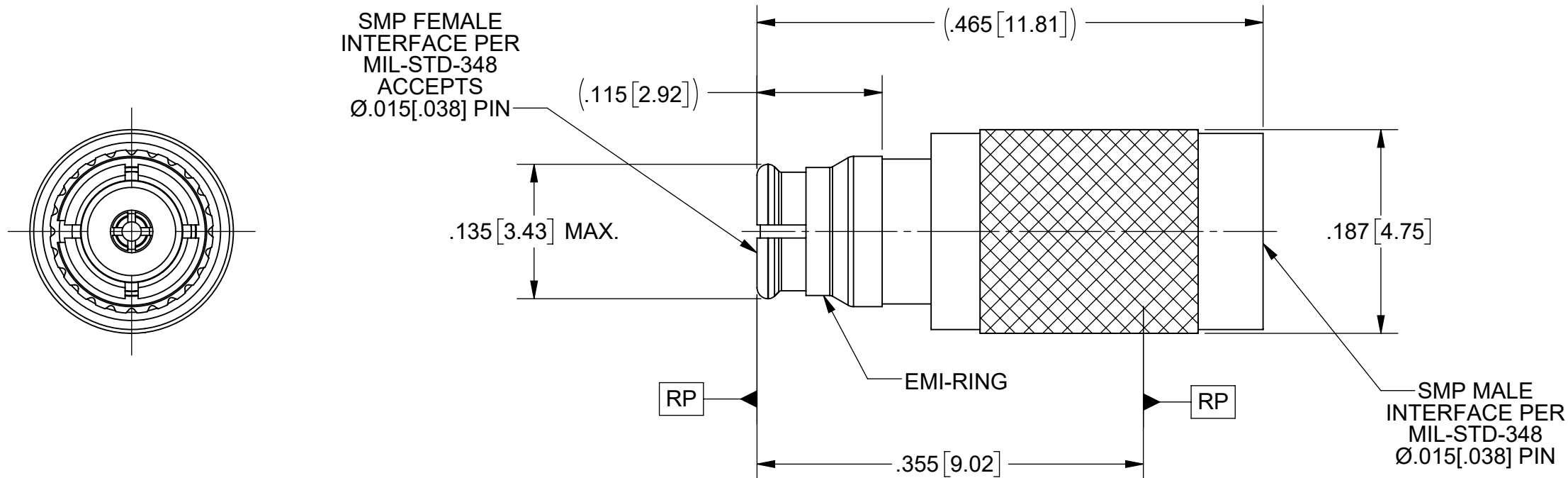


# PRODUCT DATA DRAWING

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: ±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	 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409 TITLE: ADAPTER SMP MALE TO SMP FEMALE
FINISH: SEE NOTES	DECIMAL: X ±.030 .XX ±.010 .XXX ±.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.: 1112-4009-4012 SCALE: 8:1 SHEET 1 OF 1
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	
		APPROVED: STW 09/12/07	