

ROHS COMPLIANT

MATERIAL:

BODY:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
CONTACT:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
INSULATOR:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

FINISH:

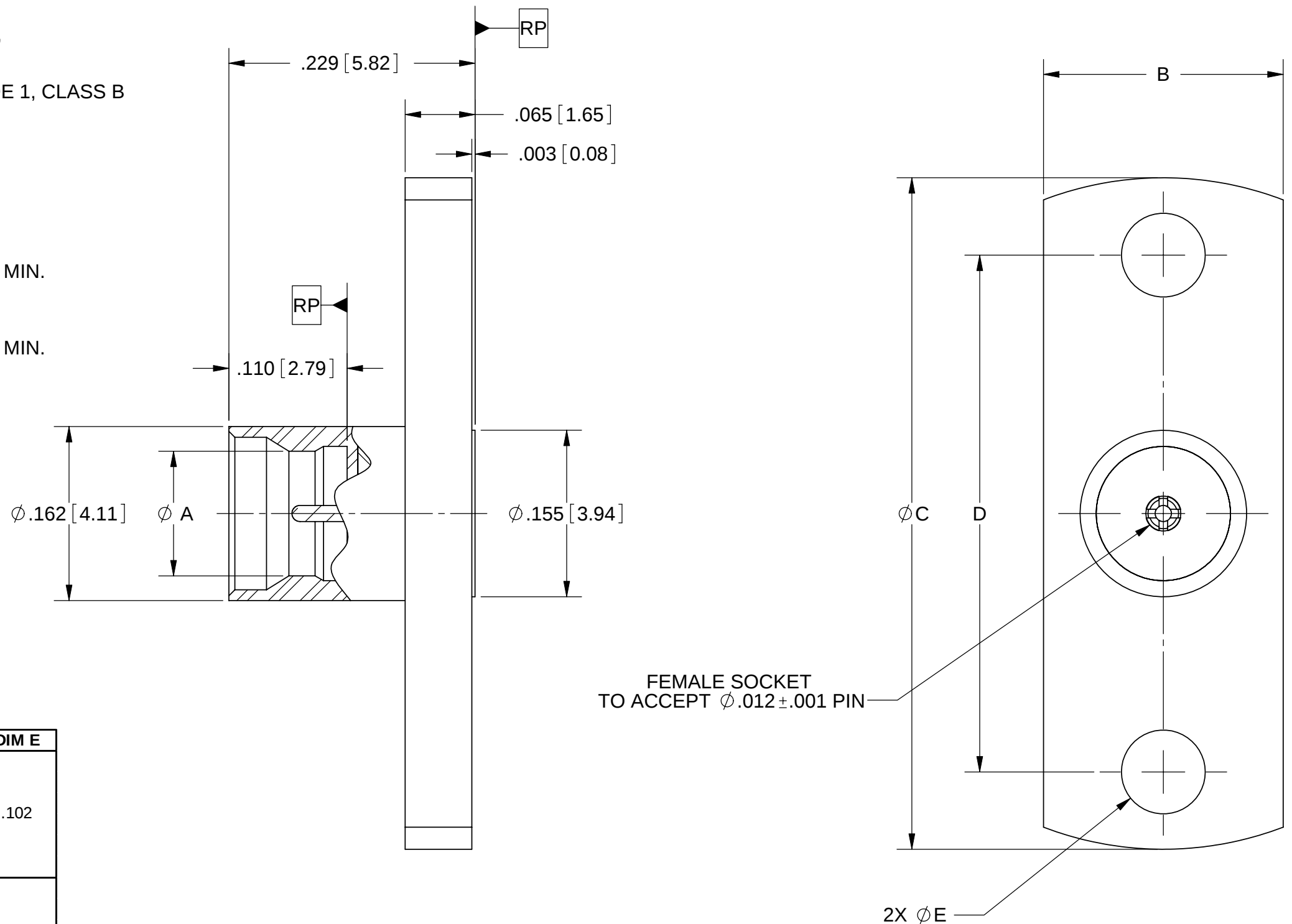
BODY (SF):	PASSIVATED PER AMS-2700, TYPE 2
BODY:	GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.
CONTACT:	GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 18.0 GHz
VSWR: 1.02 + .012 (F(F IN GHz))
INSERTION LOSS: .30 X SQRT(F(F IN GHz))
DWV: 500 VRMS
OPERATING TEMP.: -65°C TO +165°C

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 35718	03/08	STW
A	DCN 35766	04/08	STW



P/N	INTERFACE(S)	DIM A	DIM B	DIM C	DIM D	DIM E
1211-66069	FULL DETENT	.116	.165	.625	.400	.102
SF1211-66069						
1211-66070	LIMITED DETENT	.120				
SF1211-66070						
1211-66071	SMOOTH BORE	.125				
SF1211-66071						
1211-66072	FULL DETENT	.116	.190	.625	.400	.102
SF1211-66072						
1211-66073	LIMITED DETENT	.120				
SF1211-66073						
1211-66074	SMOOTH BORE	.125				
SF1211-66074						
1211-66075	FULL DETENT	.116	.190	.485	.350	.102
SF1211-66075						
1211-66076	LIMITED DETENT	.120				
SF1211-66076						
1211-66077	SMOOTH BORE	.125				
SF1211-66077						

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	SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409		
FINISH:	SEE NOTES	DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005		TITLE: SMP 2 HOLE FLANGE MNT FIELD REPLACEABLE		
SURFACE AREA:	N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994		SIZE B	CAGE CODE 95077	DWG. NO. SF1211-66069-66077
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		DRAWN: HLP	03/26/08		
		CHECKED: STW	03/27/08			
		APPROVED: STW	03/27/08			
			SCALE: 9:1		SHEET 1 OF 1	