

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.

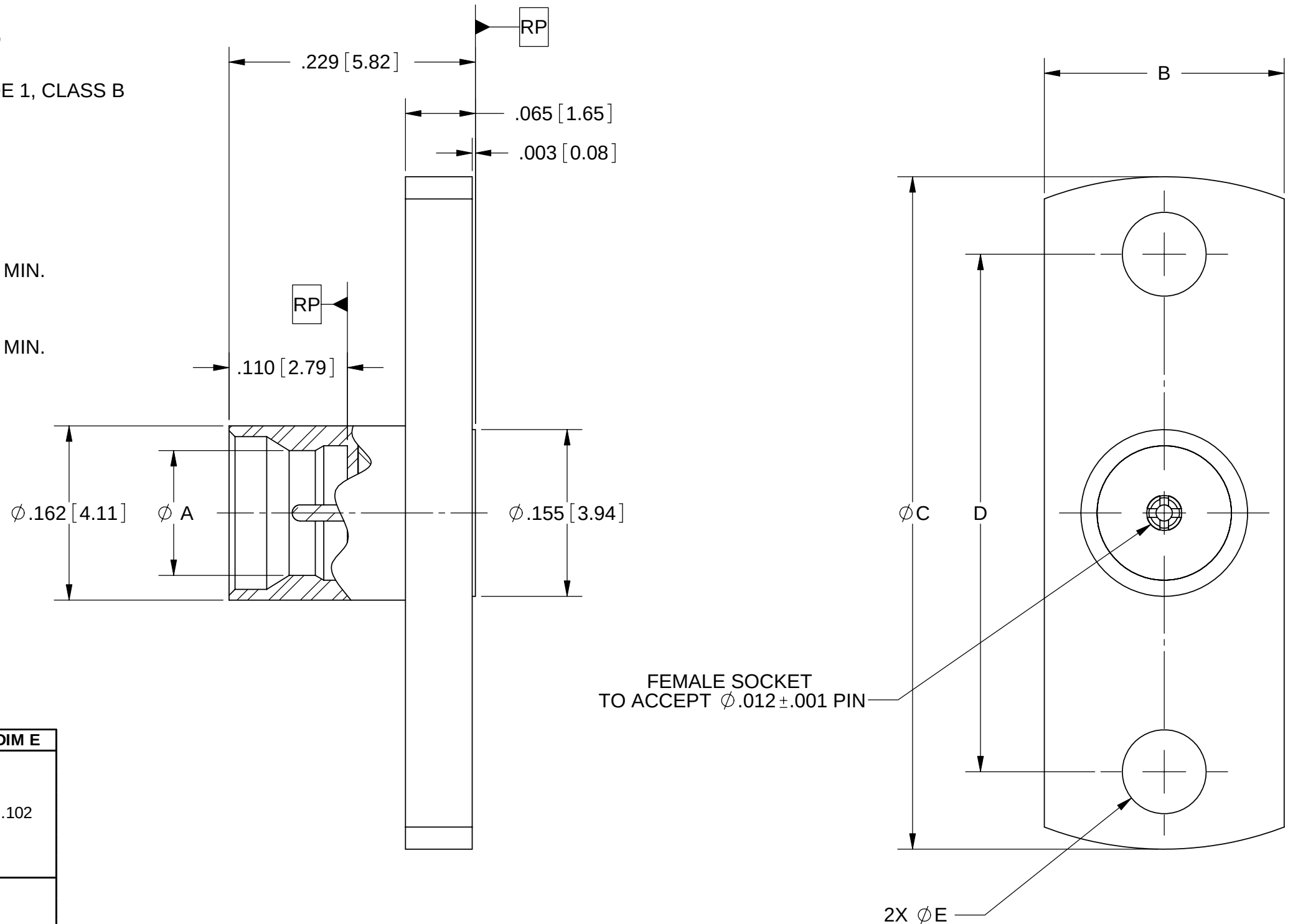
CONTACT: GOLD PER ASTM B488, TYPE II,
CODE C, CLASS 1.27; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

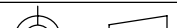
IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 18.0 GHz
VSWR: 1.02 + .012 (F(F IN GHz))
INSERTION LOSS: .30 X SQRT(F(F IN GHz))
DWV: 500 VRMS
OPERATING TEMP.: -65°C TO +165°C

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:		UNLESS OTHERWISE SPECIFIED		SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409					
FINISH:	SEE NOTES	FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$ $X^{\circ}X'$ $\pm 15'$ DECIMAL: $.X$ $\pm .030$ $.XX$ $\pm .010$ $.XXX$ $\pm .005$		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-RS-STD-10. 6) DIA.'S ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.F. 7) REMOVE ALL BURRS		TITLE: SMP 2 HOLE FLANGE MNT FIELD REPLACEABLE					
SURFACE AREA:	N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994									
PROPRIETARY		THIRD ANGLE PROJECTION		DRAWN: HLP 03/26/08		SIZE		CAGE CODE		DWG. NO.	
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				APPROVED: STW 03/27/08		SCALE: 9:1				SHEET 1 OF 1	

Mouser Electronics

Authorized Distributor

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[SF1211-66075](#)