

# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
B	DCN 34037	03/06	STW

**MATERIAL:**

BODIES,  
PRESS CAP &  
COUPLING NUT:

STAINLESS STEEL PER AMS-5640,  
ALLOY UNS S30300, TYPE 1

LOCK RING:

BERYLLIUM COPPER PER ASTM B196,  
ALLOY No. UNS C17300, TD04

CONTACTS:

BRASS PER ASTM B16, ALLOY UNS No. C36000

INSULATORS:

PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

GASKET:

SILICONE RUBBER PER A-A-59588,  
CLASS 2B, GRADE 50/60

**FINISH:**

BODIES:

GOLD PER ASTM B 488, TYPE I,  
CODE C, CLASS .76; OVER NICKEL  
PER AMS-QQ-N-290, CLASS 1, .00005" MIN. BODIES,

PRESS CAP &  
COUPLING NUT:

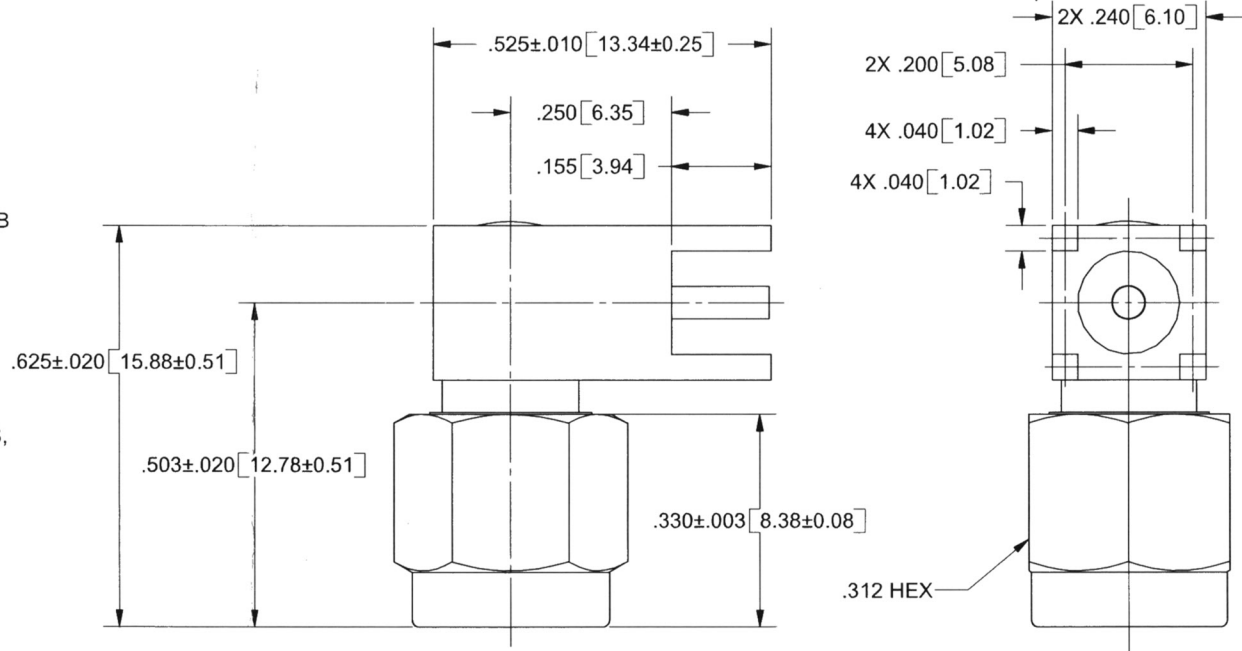
GOLD PER ASTM B 488, TYPE I,  
CODE C, CLASS .50; OVER NICKEL  
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

CONTACTS:

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 12.4 GHz  
DWV: 1000 VRMS  
INSUL RESISTANCE: 5000 MEGOHMS



MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES	UNLESS OTHERWISE SPECIFIED	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409 TITLE: <b>SMA PLUG R/A TO PCB</b>	
FINISH: SEE NOTES	FRACTIONAL: ±1/64 ANGULAR: X° ±10' X"X' ±15'	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		
SURFACE AREA: N/A	DECIMAL: X ±.030 XX ±.010 XXX ±.005	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	SIZE: <b>B</b>	CAGE CODE: <b>95077</b>
PROPRIETARY	THIRD ANGLE PROJECTION	DRAWN: MEB 03/09/06	DWG. NO. <b>2986-6009</b>	SCALE: 5:1
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