ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
D	DCN 34173	05/06	JMC

MATERIAL:

BODY, PRESS CAP & COUPLING NUT: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1

LOCK RING & CONTACT: BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04

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

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

RESISTOR ELEMENT: ALUMINA SUBSTRATE WITH NICHROME RESISTOR

FINISH:

BODY: GOLD PER ASTM B 488, TYPE I, CODE C, CLASS 1.52; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

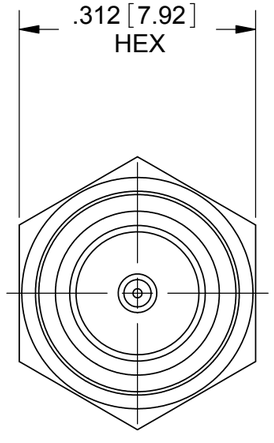
PRESS CAP & COUPLING NUT: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 0.50; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

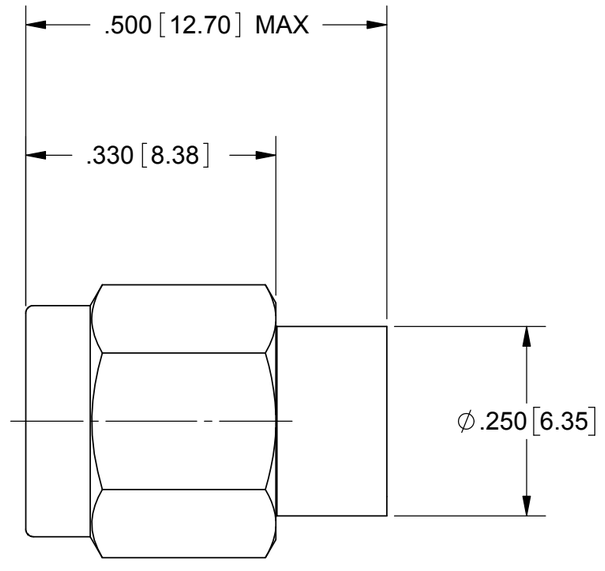
CONTACT: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.52; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 18.0 GHz
VSWR: 1.05:1 DC TO 8.0 GHz
1.10:1 8 TO 12.0 GHz
1.25:1 12.0 TO 18.0 GHz

AVG. POWER: 1 WATT (POWER INPUT DERATED LINEARLY FROM 25°C TO .5 WATTS AT 125°C)





MATERIAL: SEE NOTES
FINISH: SEE NOTES
SURFACE AREA: N/A

PROPRIETARY

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DIMENSIONS ARE IN INCHES TOLERANCES:

FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'

DECIMAL: .X ±.030
.XX ±.010
.XXX ±.005

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

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

DRAWN:	BRT 10/24/02
CHECKED:	STW 10/26/02
APPROVED:	STW 10/26/02

SV Microwave, Inc.
2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

TITLE:

SMA PLUG TERMINATION

SIZE	CAGE CODE	DWG. NO.
B	95077	8018-6172

SCALE: 5:1 SHEET 1 OF 1

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

Amphenol:

68001-108HLF 86093968813H45V1LF DAPO15S365TLF DEM09P032N 68000-236HLF 68001-200HLF 95157-140LF D15P13A6RV12LF 91614-403ALF LD25S33E4GV00LF 54202-G0805CLF 65781-158 69192-408HLF 70218-1116LF 76384-316LF 86093968191755E3LF 86093967896755LF LD15P33E4GV00LF RJSBE5080C2 54202-S08-07LF 67996-204HLF 70234-112LF 86130202123355E1LF 863013A CD15S13E4RV09LF RJE061661210 68002116HLF 70430-164LF 86093488314745V1LF DCMF37P