

PRODUCT DATA DRAWING

CAD
GENERATED
DRAWING

DCN
CONTROLLED
DOCUMENT

DWG. NO.

8018-6173

MATERIAL:

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

CONTACT &
LOCK RING: BERYLLIUM COPPER PER ASTM-B-196,
ALLOY C17300, COND. TD04

INSULATOR: TEFLON PER ASTM-D-1457

GASKET: SILICONE RUBBER PER ZZ-R-765,
CLASS II, GRADE 5-/60

RESISTOR: ALUMINA SUBSTRATE W/ NICHROME
RESISTIVE MATERIAL

FINISH:

BODY: GOLD PER MIL-G-45204, TYPE I,
GRADE C, CLASS 0; OVER NICKEL
PER QQ-N-290, CLASS 2

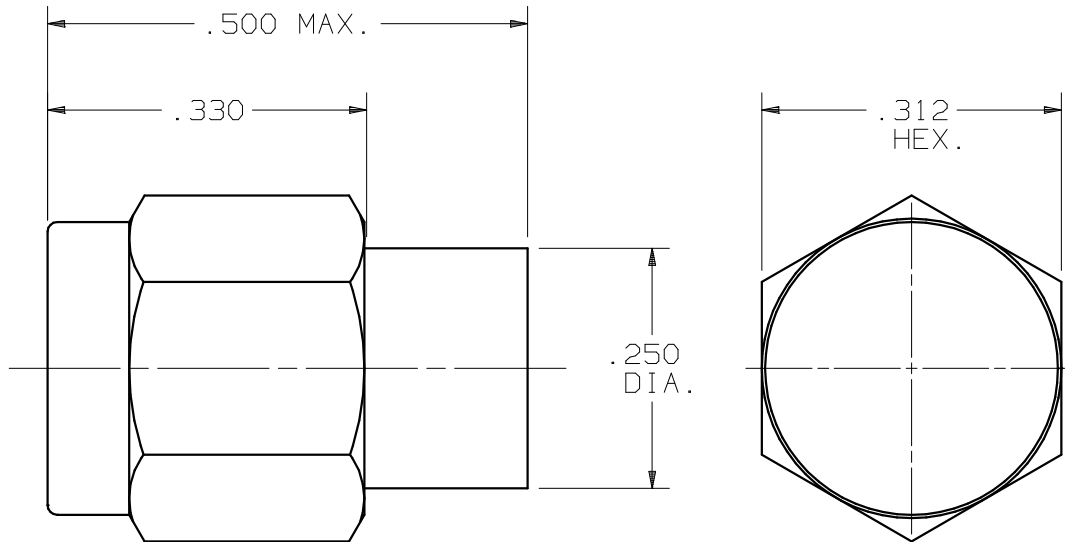
CONTACT: GOLD PER MIL-G-45204, TYPE I,
GRADE C, CLASS 1; OVER NICKEL
PER QQ-N-290, CLASS 2

COUPLING NUT
& PRESS CAP: GOLD PER MIL-G-45204, TYPE I,
GRADE C, CLASS 00; OVER NICKEL
PER QQ-N-290, CLASS 1

PERFORMANCE:

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC-18.0 GHz
VSWR: DC-4.0 GHz 1.10:1
4.0-12.4 GHz 1.20:1
12.4-18.0 GHz 1.30:1

POWER RATING: .5 WATT



SYM.	DESCRIPTION	DATE	APPR.	UNLESS OTHERWISE SPECIFIED: 1)ALL DIMENSIONS ARE AFTER PLATING. 2)BREAK CORNERS & EDGES .005 R.MAX. 3)CHAM. 1st & LAST THDS. 4)SURFACE ROUGHNESS 63 / MIL-STD-10. 5)DIAS. ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 6)REMOVE ALL BURRS.	DIMENSIONS ARE IN INCHES			SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409
-	REL.DCN 28693	08/02	SW		TOLERANCES:			
					DECIMALS	FRACTIONAL	ANGULAR	
					.X ±.030		X° ±1°0'	
					.XX ±.015	±1/64	X°X' ±15'	
					.XXX ±.005			
					MATERIAL: SEE ABOVE		TITLE: SMA PLUG TERMINATION	
				DRAWN: BRT 8/02/02	FINISH: SEE ABOVE	AREA: N/A		
				CHECKED: STW 8/05/02	SIZE A	CAGE NO. 95077		
				APPROVED: STW 8/05/02		SCALE N/A	DWG.NO. 8018-6173	