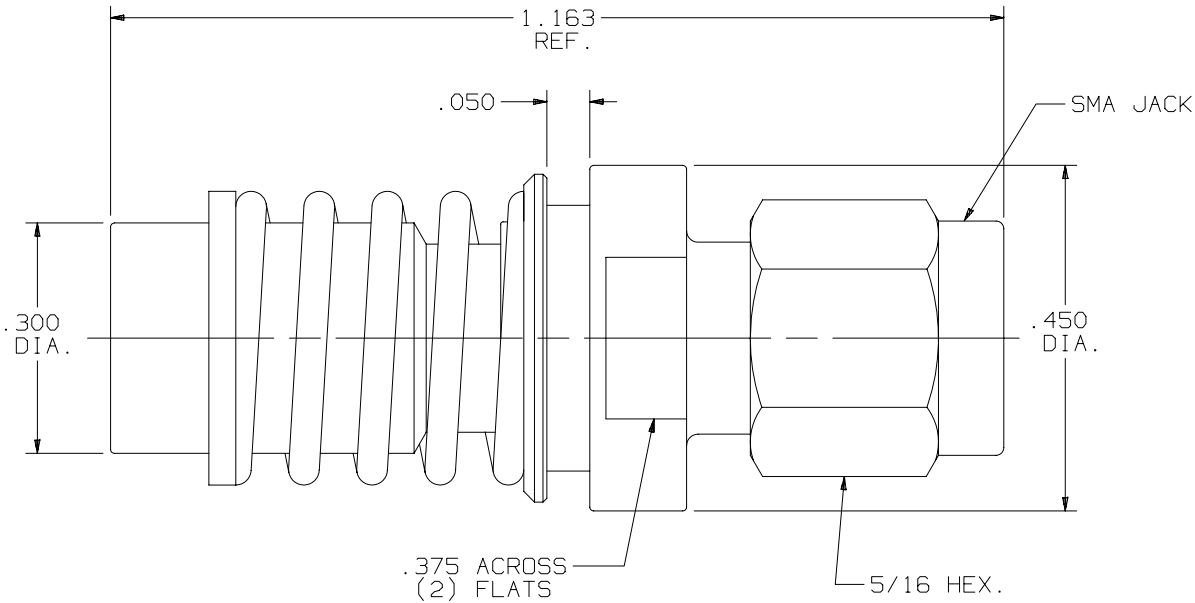


# PRODUCT DATA DRAWING

CAD GENERATED DRAWING	DCN CONTROLLED DOCUMENT	DWG. NO. <b>SF1122-6102</b>
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**MATERIALS:**

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

INSULATOR: TEFLON PER ASTM-D-1457.

CONTACT,  
OUTER CONTACT,  
LOCK RINGS &  
RETAINING RING: BERYLLIUM COPPER PER ASTM-B196,  
ALLOY UNS-C17300

GASKETS: SILICONE RUBBER PER ZZ-R-765,  
CLASS IIB, GRADE 50/60.

SPRING: CARBON STEEL MUSIC WIRE.

**FINISHES:**

BODY &  
COUPLING NUT: PASSIVATE PER QQ-P-35C.

CONTACT,  
OUTER CONTACT: GOLD PER MIL-G-45024 TYPE I,  
GRADE C, CLASS 0 OVER NICKEL  
PER QQ-N-290 CLASS 2.

OUTER LOCK RING,  
RETAINING RING: NICKEL PER QQ-N-290  
GRADE G, CLASS 1.

SPRING: CADMIUM.

**ELECTRICAL:**

IMPEDANCE: 50 OHMS NOM.  
FREQ. RANGE: DC-12.0 GHz  
INSUL. RES.: 5,000 MEGOHMS MIN.  
D.W.V.: 1,000 VRMS

MINIMUM AXIAL FLOAT: +.060  
RADIAL MISALIGNMENT: ±.020  
CONNECTOR PRE-LOAD FORCE: 4.75 LBS.

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 J MIL-STD-10. 5) DIAS. ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 6) REMOVE ALL BURRS.	DIMENSIONS ARE IN INCHES			<i>SV Microwave, Inc.</i> 3301 Electronics Way West Palm Beach, FL, 33407  TITLE: BZ BLIND MATE PLUG TO SMA PLUG ADAPTER  DWG. NO. SF1122-6102
					TOLERANCES:			
					DECIMALS	FRACTIONAL	ANGULAR	
					.X ±.030 .XX ±.015 .XXX ±.005	±1/64	X° ±1°0' X'X' ±15'	
				DRAWN: VMJ 4/27/00	MATERIAL: SEE ABOVE			
				CHECKED: SW 4/29/00	FINISH: SEE ABOVE	AREA: N/A		
				APPROVED: SW 4/29/00	SIZE	CAGE NO.	SCALE	
					A	95077	N/A	