CAD GENERATED DRAWING	DCN CONTROLLED DOCUMENT	DWG.NO. 8017-6002

PRODUCT DATA DRAWING

MATERIAL:

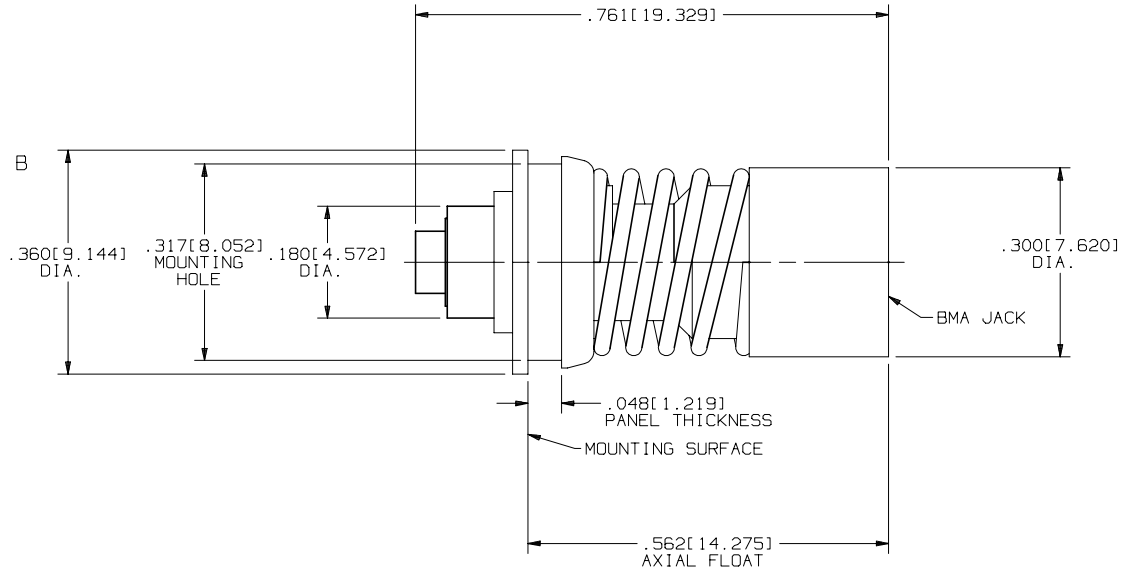
BODY, BUSHING & PRESS SLEEVE:	STAINLESS STEEL PER AMS-5640 ALLOY UNS S30300, TYPE I
CONTACTS, E-RING, SPRING CLIP & SHIM SPRING:	BERYLLIUM COPPER PER ASTM B196, ALLOY UNS C17300, TD04
BODY:	BRASS PER ASTM B16, ALLOY UNS C36000, H02
INSULATOR:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
INSULATOR:	KEL-F
COIL SPRING:	CARBON STEEL MUSIC WIRE
RESISTOR ELEMENT:	ALUMINUM NITRIDE SUBSTRATE WITH TANTALUM NITRIDE RESISTOR; GOLD PLATED TERMINATIONS

FINISH:

BODIES, CONTACTS, INSERT, SHIM SPRING & SPRING CLIP:	GOLD PER ASTM B488, TYPE I, CODE C, CLASS 0; OVER NICKEL PER AMS-QQ-N-290, CLASS1, .000050" MIN.
CONTACT:	GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .000050" MIN.
E-RING:	NICKEL PER AMS-QQ-N-290, CODE G, CLASS 1
SPRING:	ZINC

PERFORMANCE:

IMPEDANCE:	50 OHMS
FREQ. RANGE:	DC TO 12.0 GHz
VSWR:	1.20:1 DC TO 12 GHz
AVG. POWER:	1 WATT (NOTE 1)



NOTES:
1. POWER INPUT DERATED LINEARLY FROM 25°C TO .5 WATTS AT 125°C.

SYM.	DESCRIPTION	DATE	APPR.
-	REL.DCN 29339	01/03	STW
A	REV.DCN 32953	04/05	CCC
B	REV.DCN 33116	06/05	CCC

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.

DRAWN: MEB 01/06/03
CHECKED: STW 01/06/03
APPROVED: STW 01/06/03

DIMENSIONS ARE IN INCHES
TOLERANCES:
DECIMALS: .X ±.030, .XX ±.015, .XXX ±.005
FRACTIONAL: ±1/64
ANGULAR: X° ±1°0′, X°X′ ±15′

MATERIAL: SEE ABOVE
FINISH: SEE ABOVE
□" AREA: N/A

SIZE: B
CAGE NO.: 95077
SCALE: 5X

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

TITLE: BMA JACK FLOATING MOUNT TERMINATION

DWG.NO. 8017-6002