CAD GENERATED DRAWING	DCN CONTROLLED DOCUMENT	DWG.NO. 8018-6174

PRODUCT DATA DRAWING

MATERIAL:

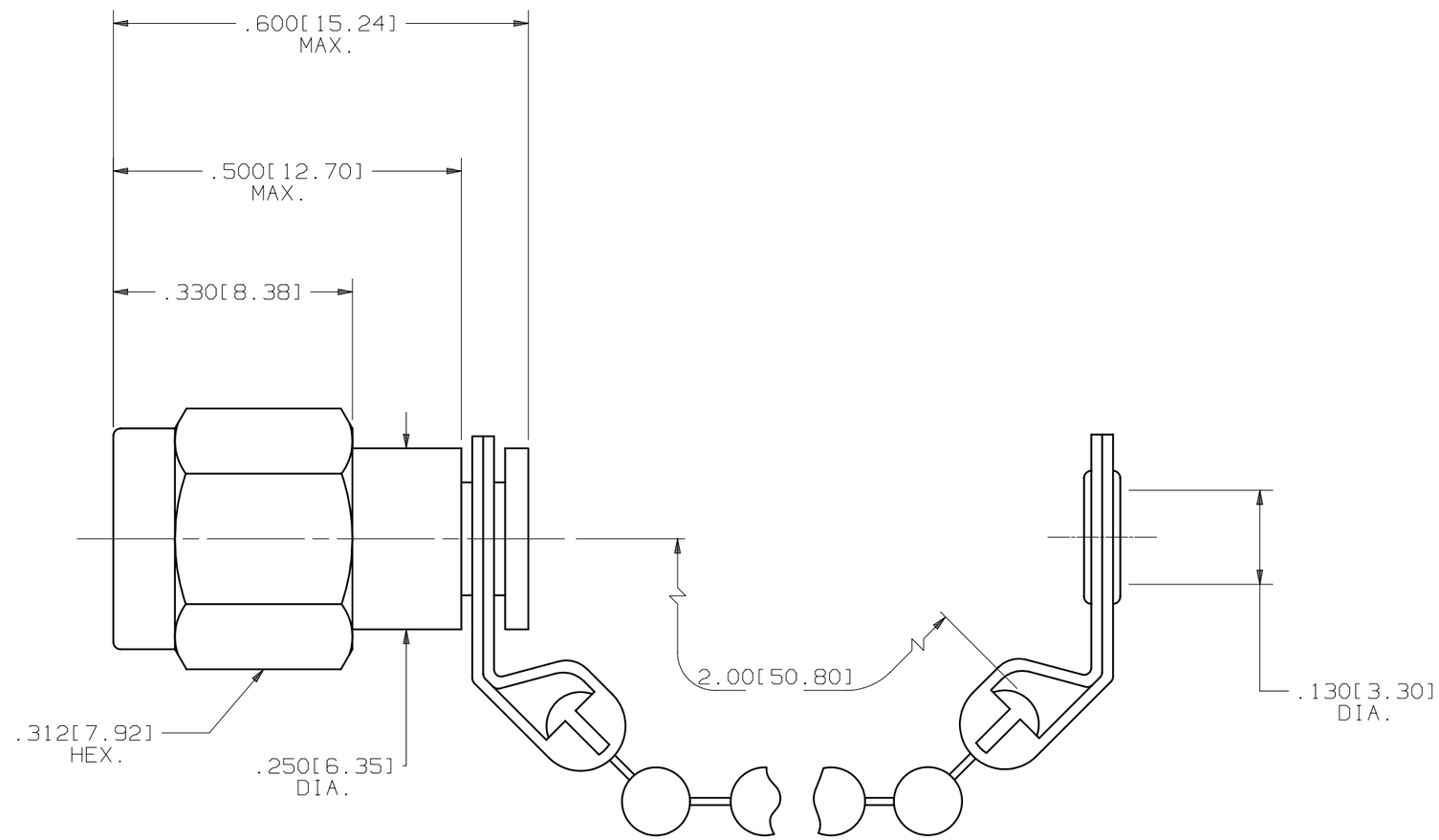
BODY, PRESS CAP & COUPLING NUT:	STAINLESS STEEL PER AMS-5640
LOCK RING & CONTACT:	BERYLLIUM COPPER PER ASTM B196
RIVET:	BRASS PER ASTM B16
INSULATOR:	PTFE PER ASTM D1710
GASKET:	SILICONE RUBBER PER ZZ-R-765, CLASS IIB, GRADE 50/60
RESISTOR ELEMENT:	ALUMINA SUBSTRATE WITH NICHROME RESISTOR

FINISH:

BODY:	GOLD PER ASTM B 488, TYPE I, GRADE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1
PRESS CAP & COUPLING NUT:	GOLD PER ASTM B 488, TYPE I, GRADE C, CLASS .50; OVER NICKEL PER AMS-QQ-N-290, CLASS I
CONTACT:	GOLD PER ASTM B 488, TYPE II, GRADE C, CLASS 1.52; OVER NICKEL PER AMS-QQ-N-290, CLASS 1
RIVET:	NICKEL PER AMS-QQ-N-290, CLASS 1 GRADE G. FINISH: SEMI-BRIGHT

PERFORMANCE:

IMPEDANCE:	50 OHMS
FREQ. RANGE:	DC TO 18.0 GHz
VSWR:	1.30:1 DC TO 18 GHz
OPERATING TEMP.:	-55°C TO +125°C
AVG. POWER:	1 WATT



SYM.	DESCRIPTION	DATE	APPR.
-	REL.DCN 28574	07/02	STW
A	REV.DCN 29948	05/03	STW
B	REV.DCN 30711	11/03	STW
C	REV.DCN 31895	12/04	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 07/03/02
CHECKED: STW 07/03/02
APPROVED: STW 07/03/02

DIMENSIONS ARE IN INCHES
TOLERANCES:

DECIMALS	FRACTIONAL	ANGULAR
.X ±.030	±1/64	X° ±1°0′
.XX ±.015		X°X′ ±15′
.XXX ±.005		

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

SIZE	CAGE NO.	SCALE
B	95077	5X

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

TITLE: SMA PLUG TERMINATION WITH BEADED CHAIN

DWG.NO. 8018-6174