

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
C	DCN 41827	11/15	DAL

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

RIVET:

BRASS PER ASTM B16,
ALLOY UNS No. C36000

GASKET:

SILICONE RUBBER PER A-A-59588,
CLASS 2B, GRADE 60/70

RESISTOR ELEMENT:

ALUMINA SUBSTRATE WITH
NICHROME RESISTOR

FINISH:

BODY:

GOLD PER ASTM B488, TYPE I,
CODE C, CLASS 1.27, OVER NICKEL
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PRESS CAP &
CONTACT:

GOLD PER ASTM B488, TYPE II,
CODE C, CLASS 1.27, OVER NICKEL
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

COUPLING NUT:

GOLD PER MIL-DTL-45204, TYPE I,
GRADE C, CLASS 1.27, OVER NICKEL
PER SAE-AMS-2404, CLASS 1, .00005" MIN.

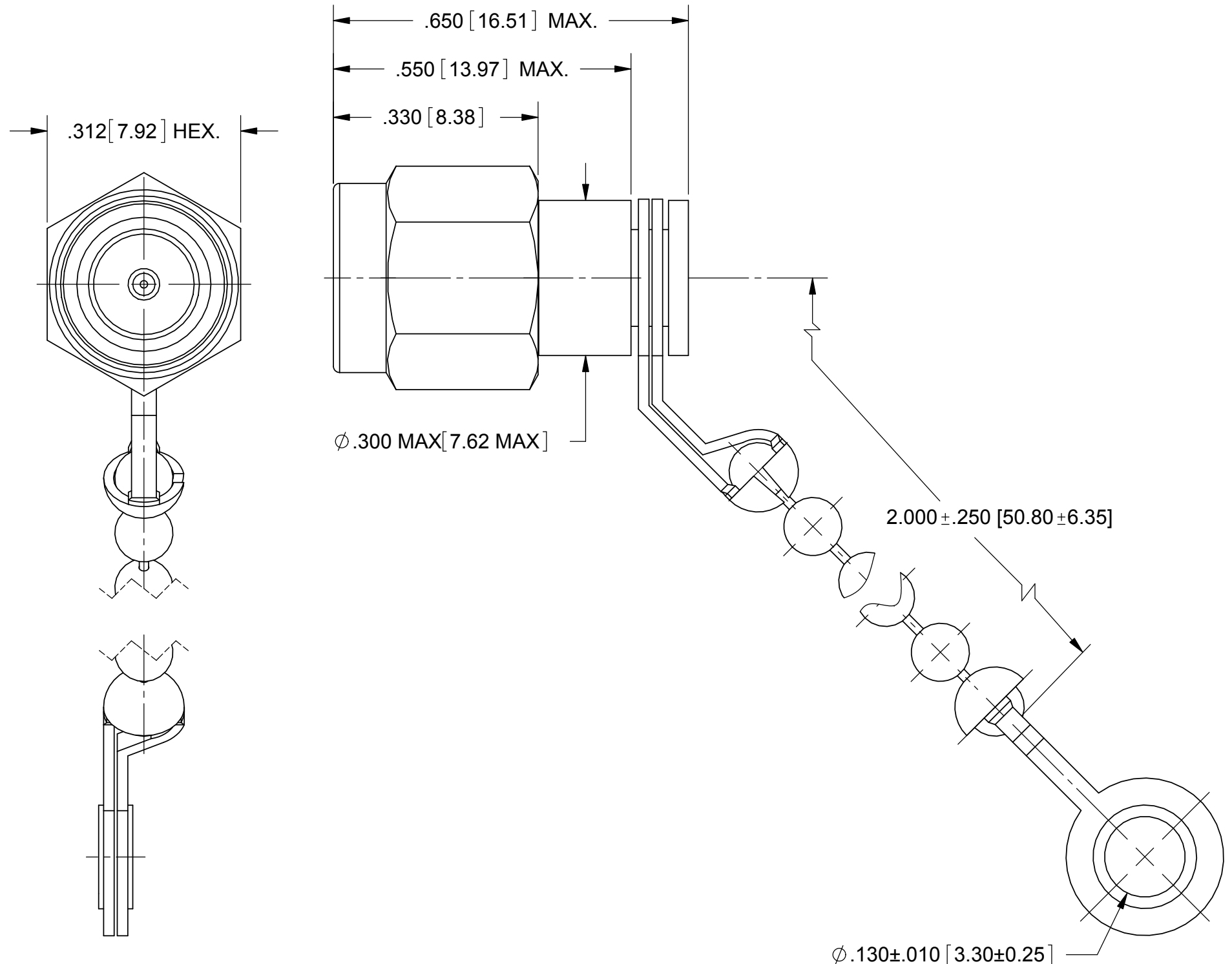
RIVET:

NICKEL PER AMS-QQ-N-290, CLASS 1, GRADE G

PERFORMANCE:

IMPEDANCE:
FREQ. RANGE:

50 OHMS
DC TO 18.0 GHz.



MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:		UNLESS OTHERWISE SPECIFIED		SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409			
FINISH:	SEE NOTES	FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$ $X^{\circ}X'$ $\pm 15'$		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		TITLE: SMA ST. PLUG 0.5 WATT TERMINATION WITH BEAD CHAIN			
SURFACE AREA:	N/A	DECIMAL: .X $\pm .030$.XX $\pm .010$.XXX $\pm .005$							
PROPRIETARY THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF SV MICROWAVE, INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF SV MICROWAVE, INC IS PROHIBITED.		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994				SIZE CAGE CODE DWG. NO. B 95077 M39030/3-03			
		THIRD ANGLE PROJECTION		DRAWN: MGT 01/15/05 CHECKED: CCC 01/15/05 APPROVED: CCC 01/15/05					
						SCALE: 5:1		SHEET 1 OF 1	