

# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	REL. DCN 40119	10/09/13	STW

**MATERIAL:**

**BODY & 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

**CRIMP RING:** BRASS PER ASTM B16, ALLOY UNS C36000

**INSULATOR:** PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

**GASKET:** SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60

**PRESS CAP:** STAINLESS STEEL PER ASTM A240, ALLOY No. UNS S30400

**SHRINK TUBING:** M23053/4, CLASS 1

**FINISH:**

**BODY, PRESS CAP, & COUPLING NUT:** PASSIVATED PER AMS-2700.

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

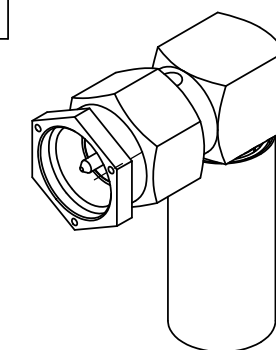
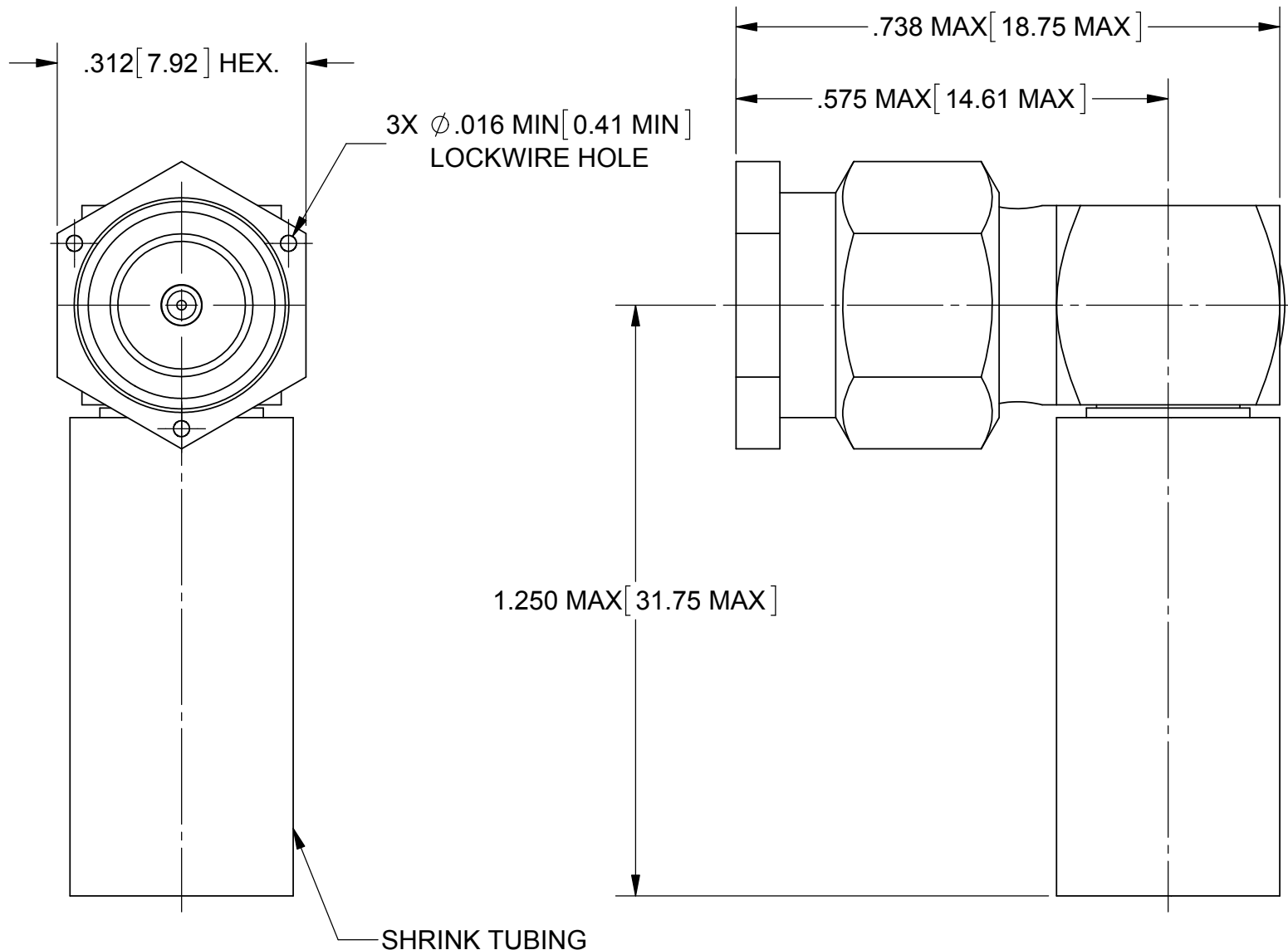
**CRIMP RING:** NICKEL PER QQ-N-290, .00005" MIN.

**PERFORMANCE:**

**IMPEDANCE:** 50 OHMS

**FREQ. RANGE:** DC TO 12.4 GHz

**VSWR:** 1.15 + .02F (F in GHz), 0.5 TO 12.4 GHz OR APPROXIMATELY 80% OF THE CUTOFF FREQUENCY OF THE CABLE WHICHEVER IS LOWER



MATERIAL: SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL: ±1/64 ANGULAR: X° ±1'0" X'X' ±15'	UNLESS OTHERWISE SPECIFIED 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	<b>SV Microwave, Inc.</b> 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409
FINISH: SEE NOTES	DECIMAL: X ±.030 .XX ±.010 .XXX ±.005	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: SMA PLUG R/A CRIMP ATTACHMENT RG-58 CABLE
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: JMC 10/09/13	SIZE: B CAGE CODE: 95077 DWG. NO: M39012/56B3014
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.		CHECKED: STW 10/09/13	SCALE: 5:1
		APPROVED: STW 10/09/13	SHEET 1 OF 1