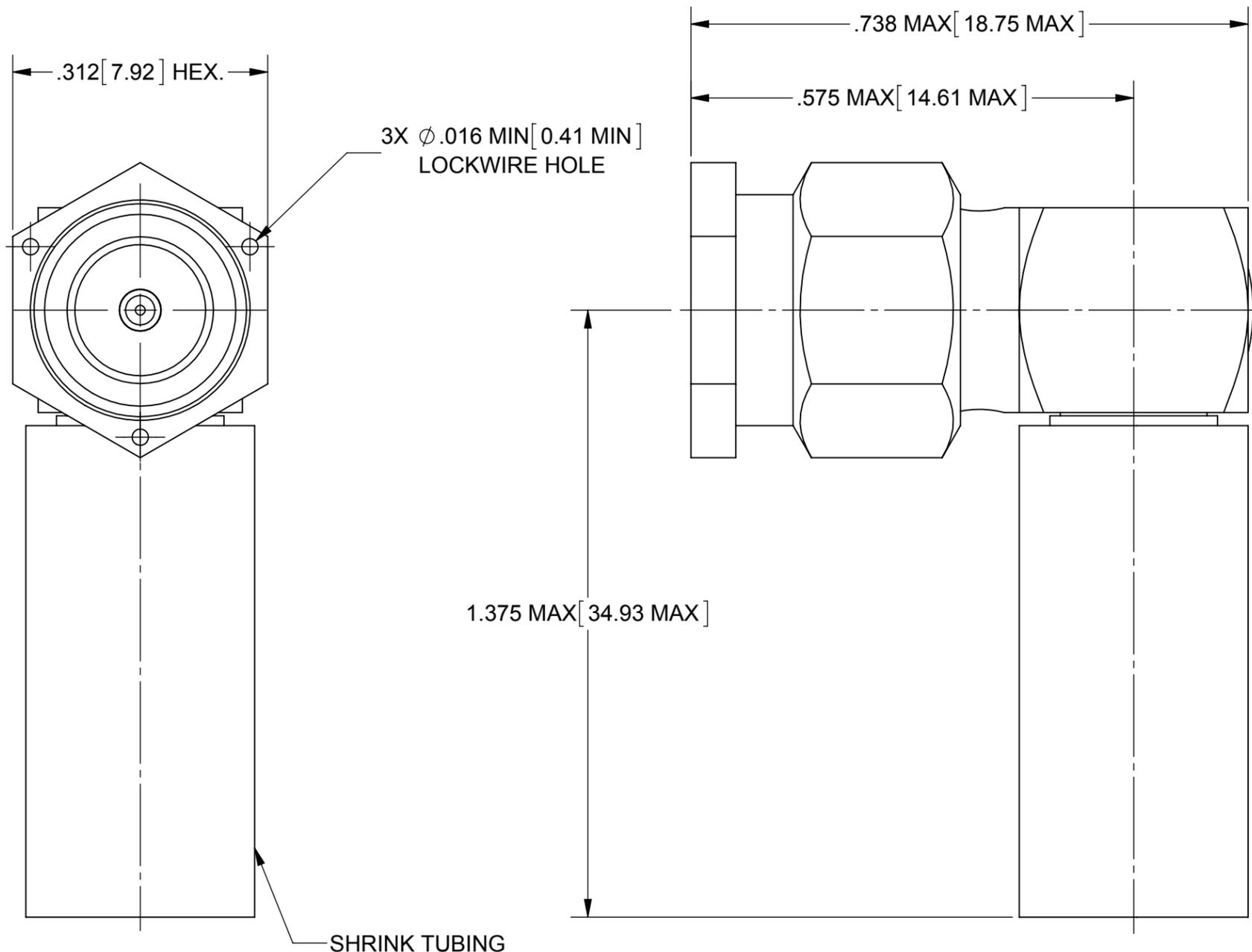


# PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 40111	10/13	STW



**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

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

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, CLASS 2.  
FINISH: SEMI-BRIGHT TO DULL

**PERFORMANCE:**

IMPEDANCE:  
FREQ. RANGE:  
VSWR:

50 OHMS  
DC TO 12.4 GHz  
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: <b>SMA R/A CRIMPED PLUG FOR RG142 CABLE</b>
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: ELA 10/07/13	SIZE CAGE CODE DWG. NO. <b>B 95077 M39012/56B3022</b>
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 10/07/13	SCALE: 6:1
		APPROVED: STW 10/07/13	SHEET 1 OF 1