

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.

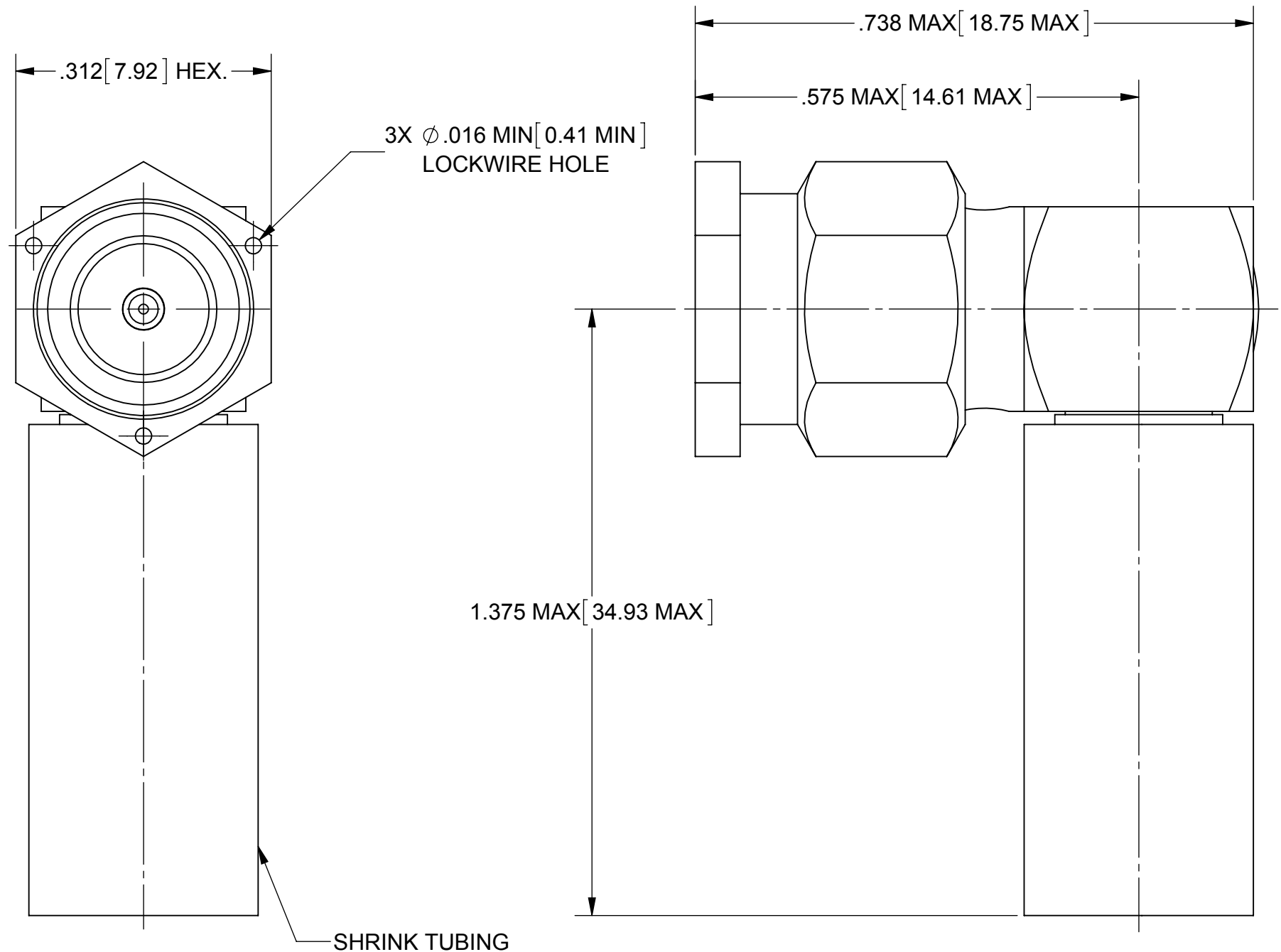
CRIMP RING:

NICKEL PER QQ-N-290, CLASS 2.
FINISH: SEMI-BRIGHT TO DULL

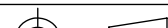
PERFORMANCE:

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
FINISH:	SEE NOTES
SURFACE AREA:	N/A
PROPRIETARY	
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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
DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005	
INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	
THIRD ANGLE PROJECTION	DRAWN: ELA 10/07/13
	CHECKED: STW 10/07/13
	APPROVED: STW 10/07/13

SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409		
TITLE: SMA R/A CRIMPED PLUG FOR RG142 CABLE		
SIZE B	CAGE CODE 95077	DWG. NO. M39012/56B3022
SCALE: 6:1		SHEET 1 OF 1