

# 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:

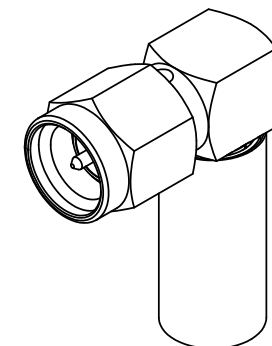
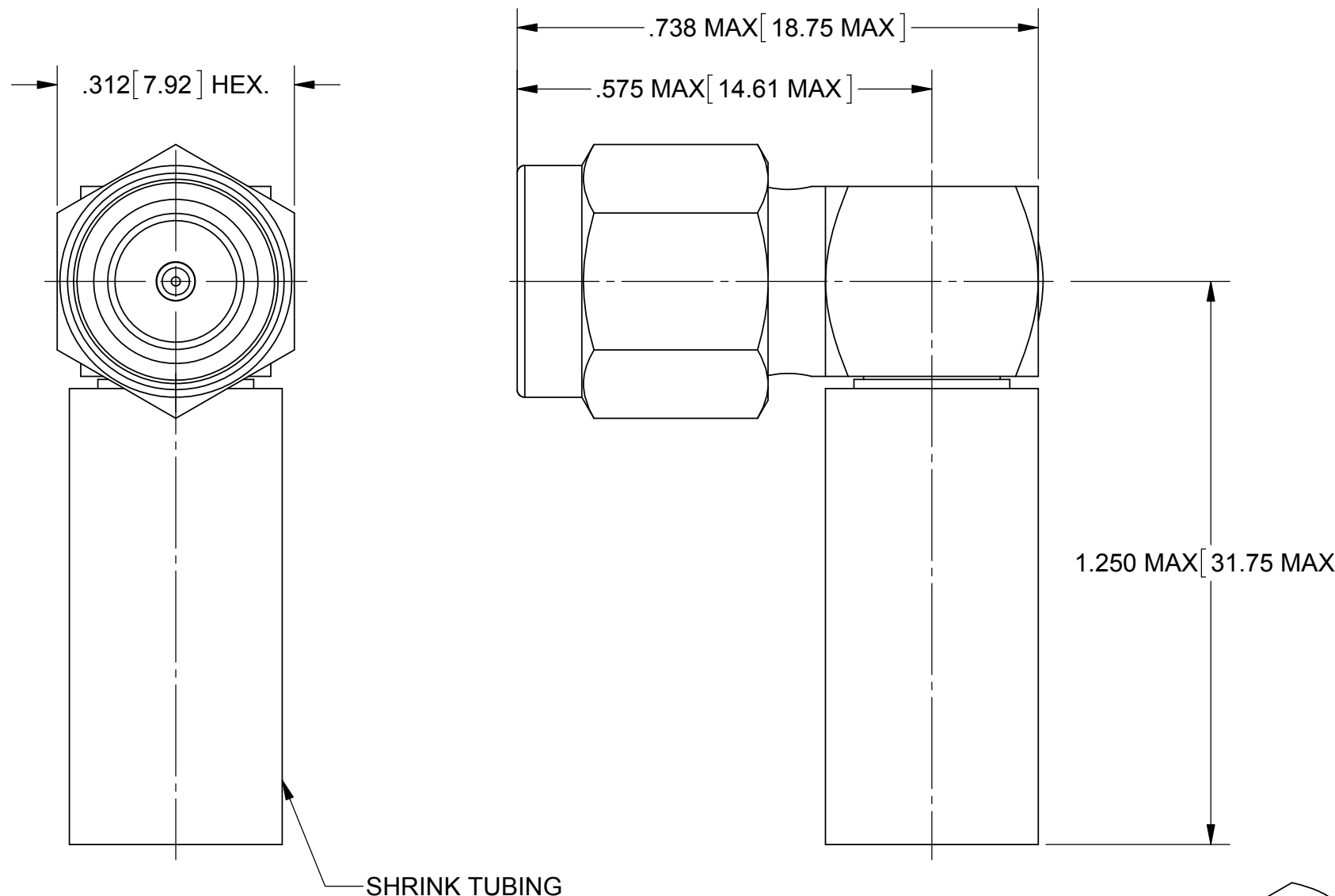
GOLD PER ASTM B488, TYPE II,  
CODE C, CLASS 1.27, OVER NICKEL  
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

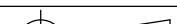
CRIMP RING:

NICKEL PER QQ-N-290, .00005" MIN

## PERFORMANCE:

IMPEDANCE:  
FREQ. RANGE:  
VSWR:



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

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