

ROHS COMPLIANT

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 38106	03/11	PJS

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:

COPPER PER ASTM B103
ALLOY UNS C18700. H04.

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:

SCL POLYOLEFIN PER MIL-I-23053/4, CLASS I

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, .00005" MIN.

PERFORMANCE:

IMPEDANCE:

50 OHMS

FREQ. RANGE:

DC TO 12.4 GHz

VSWR:

$$1.15 + .02 F \text{ (F IN GHz)}$$

INSERTION LOSS:

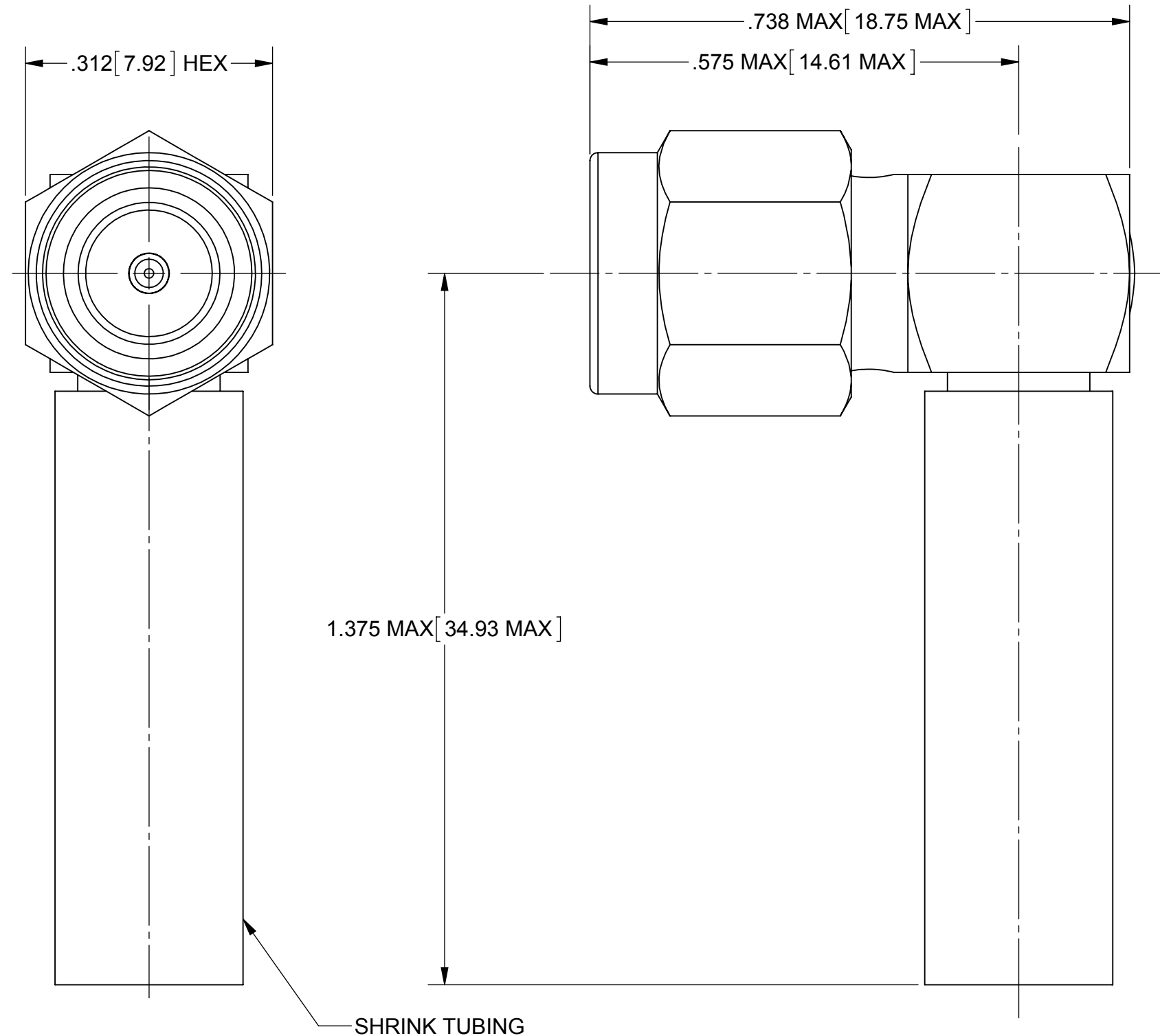
$$.15 \times \text{SQRT}(F(F \text{ IN GHz}))$$

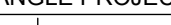
DWV:

1000 VRMS

OPERATING TEMP.:

-65°C TO +165°C



MATERIAL: SEE NOTES		DIMENSIONS ARE IN INCHES TOLERANCES:		UNLESS OTHERWISE SPECIFIED		SV Microwave, Inc.	
FINISH: SEE NOTES		FRACTIONAL: ±1/64 ANGULAR: X° ±1'0" X°X' ±15'				2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
SURFACE AREA: N/A		DECIMAL: .X ±.030 .XX ±.010 .XXX ±.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		TITLE:	
PROPRIETARY		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994				SMA PLUG R/A CRIMP FOR RG-142, 400, 223 CABLE	
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.		THIRD ANGLE PROJECTION		DRAWN: PJS 03/28/11		SIZE	
				CHECKED: PJS 03/28/11		CAGE CODE	
				APPROVED: PJS 03/28/11		DWG. NO.	
						M39012/56-3128	
						SCALE: 6:1	
						SHEET 1 OF 1	