ROHS COMPLIANT

PRODUCT DATA DRAWING

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

MATERIAL:

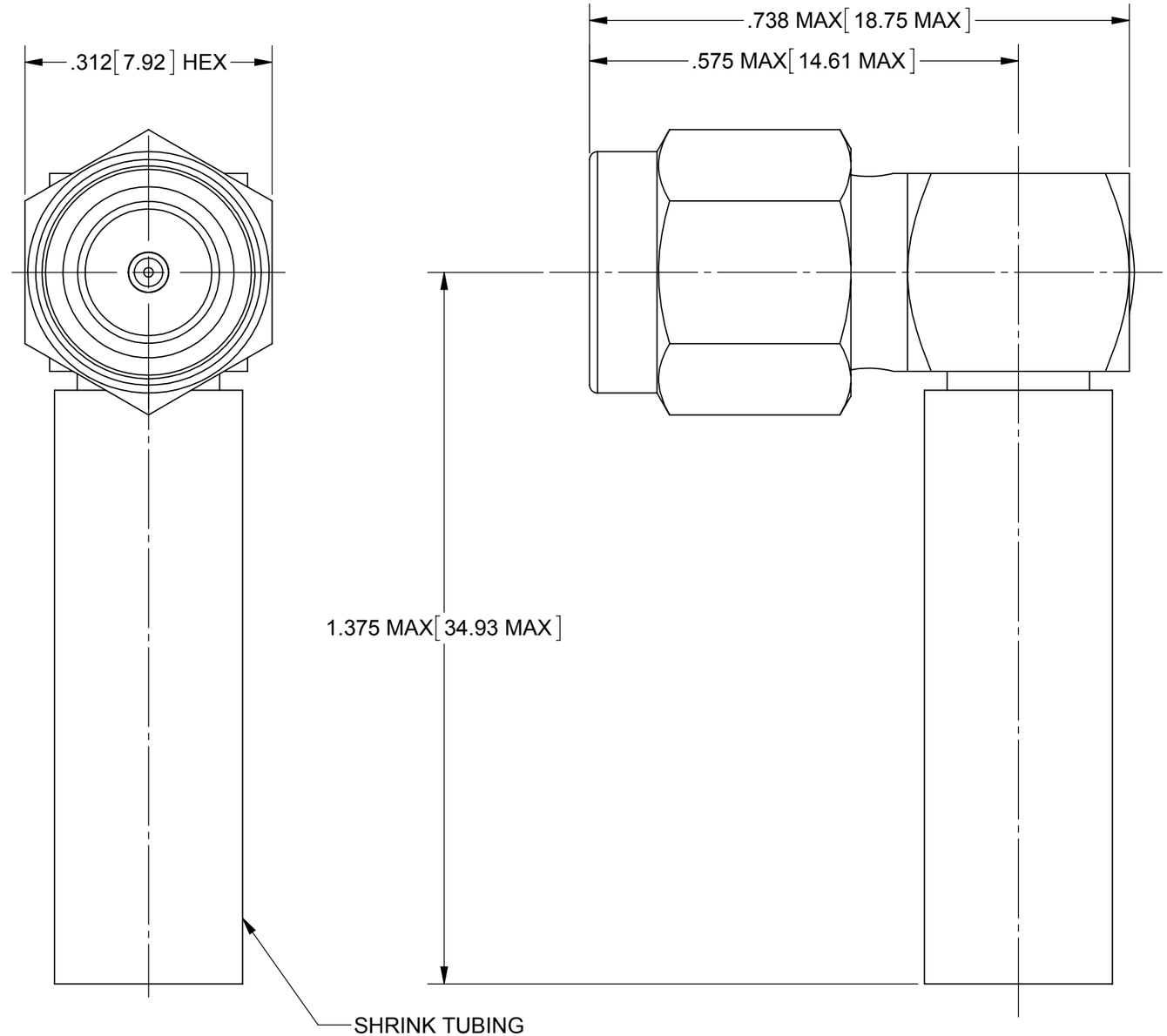
BODY, PRESS CAP & COUPLING NUT:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
LOCK RING & CONTACT:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
CRIMP RING:	COPPER PER ASTM B103 ALLOY UNS C18700. H04.
INSULATOR:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
GASKET:	SILICONE RUBBER 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 + .03 F (F IN GHz)
INSERTION LOSS:	.15 X SQRT(F(F IN GHz))
DWV:	1000 VRMS
OPERATING TEMP.:	-65°C TO +165°C



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'

DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005

INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994

THIRD ANGLE PROJECTION

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

DRAWN:	PJS	03/28/11
CHECKED:	PJS	03/28/11
APPROVED:	PJS	03/28/11

SV Microwave, Inc.
2400 Centrepark West Drive, Suite 100
West Palm Beach, FL 33409

TITLE:
SMA PLUG R/A CRIMP FOR RG-316 CABLE

SIZE	CAGE CODE	DWG. NO.
B	95077	M39012/56-3126

SCALE: 6:1 SHEET 1 OF 1