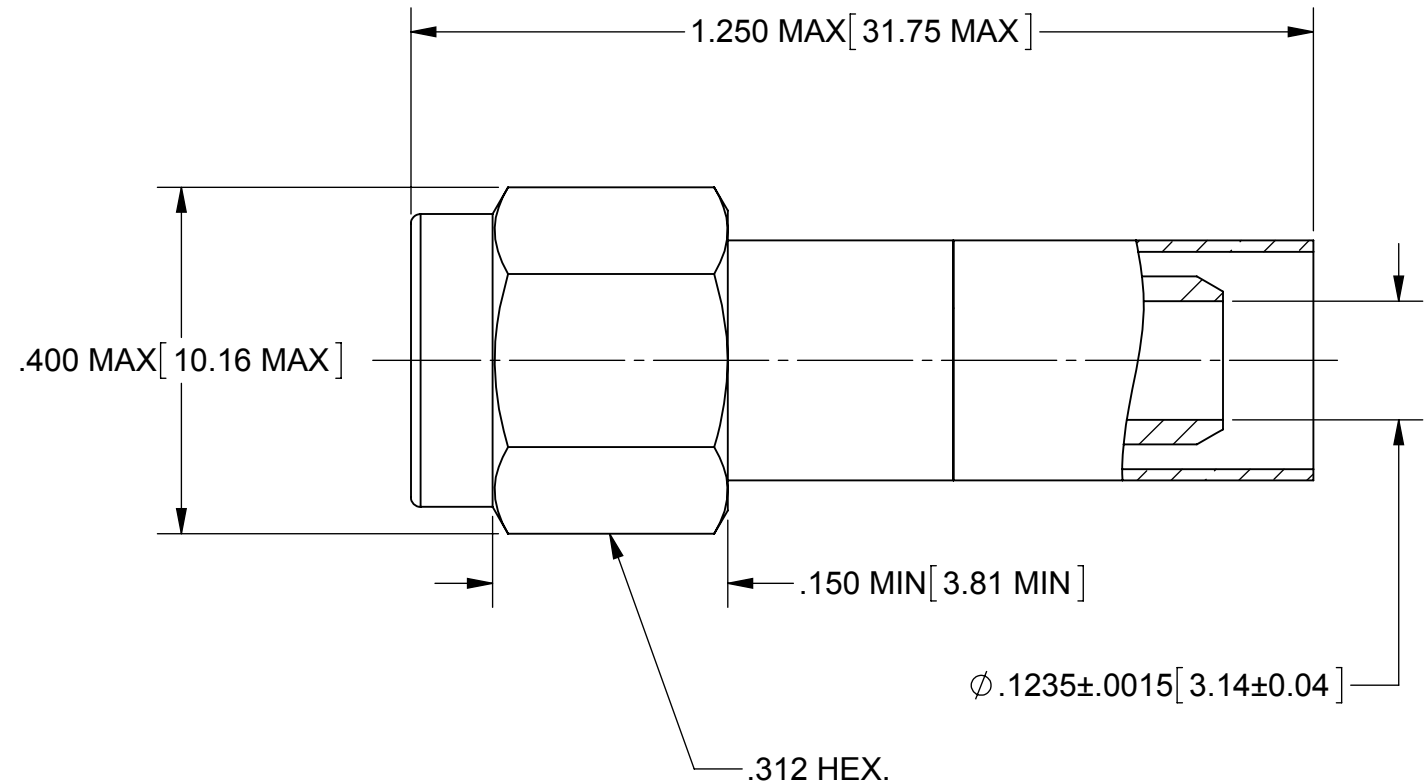
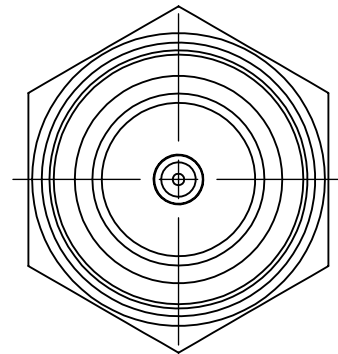


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 38089	03/11	PJS



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

INSULATOR:

PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B

CRIMP RING:

COPPER PER ASTM B 301, ALLOY UNS C18700, H04

GASKET:

SILICONE RUBBER PER A-A-59588, CLASS 2B

FINISH:

BODY &
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 AMS-QQ-N-290, CLASS 2

PERFORMANCE:

IMPEDANCE:

50 OHMS

FREQ. RANGE:

DC TO 12.4 GHz

VSWR:

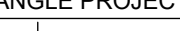
1.15+.010F (F IN GHz) DC TO 12.4 GHz

INSERTION LOSS:

$$.06 \times \text{SQRT}(F(F \text{ IN GHz}))$$

OPERATING TEMP.:

-65°C TO +165°C

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		SV Microwave, Inc. 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409	
FINISH:	SEE NOTES	DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005				TITLE: SMA STRAIGHT PLUG CRIMP ATTACHMENT FOR RG-142 CABLE	
SURFACE AREA:	N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994				SIZE B CAGE CODE 95077 DWG. NO. M39012/55-3128	
PROPRIETARY		THIRD ANGLE PROJECTION		DRAWN: FED 03/29/11		SCALE: 5:1	
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: PJS 03/29/11		SHEET 1 OF 1	
				APPROVED: PJS 03/29/11			

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