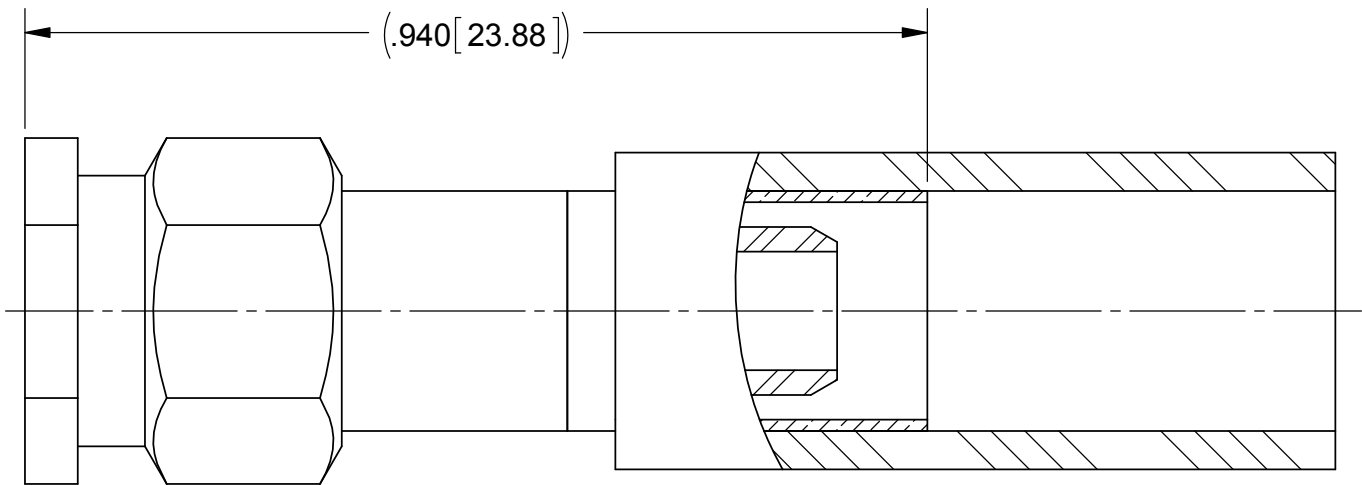
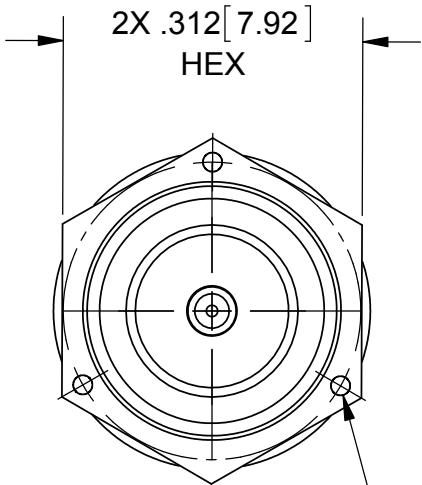
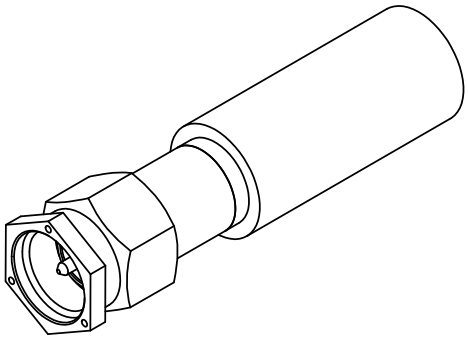


PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	DCN 41763	10/15	MAL
B	DCN 42024	1/16	STW



MATERIAL:

- BODY & COUPLING NUT:

STAINLESS STEEL PER ASTM A582 OR AMS-5640, ALLOY UNS S30300
- LOCK RING:

BERYLLIUM COPPER PER ASTM B196, ALLOY UNS C17300 OR ASTM B194, ALLOY UNS C17200
- CONTACT:

BERYLLIUM COPPER PER ASTM B196, ALLOY UNS C17300
- 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
- TUBING:

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

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, .00005" MIN.

PERFORMANCE:

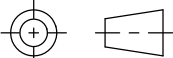
- IMPEDANCE:

50 OHMS
- FREQ. RANGE:

DC TO 12.4 GHz
- VSWR:

1.15 + .02(F):1 DC TO 12.4 GHz
- INSERTION LOSS:

.06 X SQRT(F IN GHz)

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:		UNLESS OTHERWISE SPECIFIED		 2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409			
FINISH:	SEE NOTES	FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±15'		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			
SURFACE AREA:	N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994				TITLE: SMA MALE FOR RG-142			
PROPRIETARY 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: DAL 10/12/15		SIZE B		CAGE CODE 95077	DWG. NO. M39012/55-3028
				CHECKED: MAL 10/12/15					
				APPROVED: ND 02/26/86		SCALE: 5:1			
						SHEET 1 OF 1			

Mouser Electronics

Authorized Distributor

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