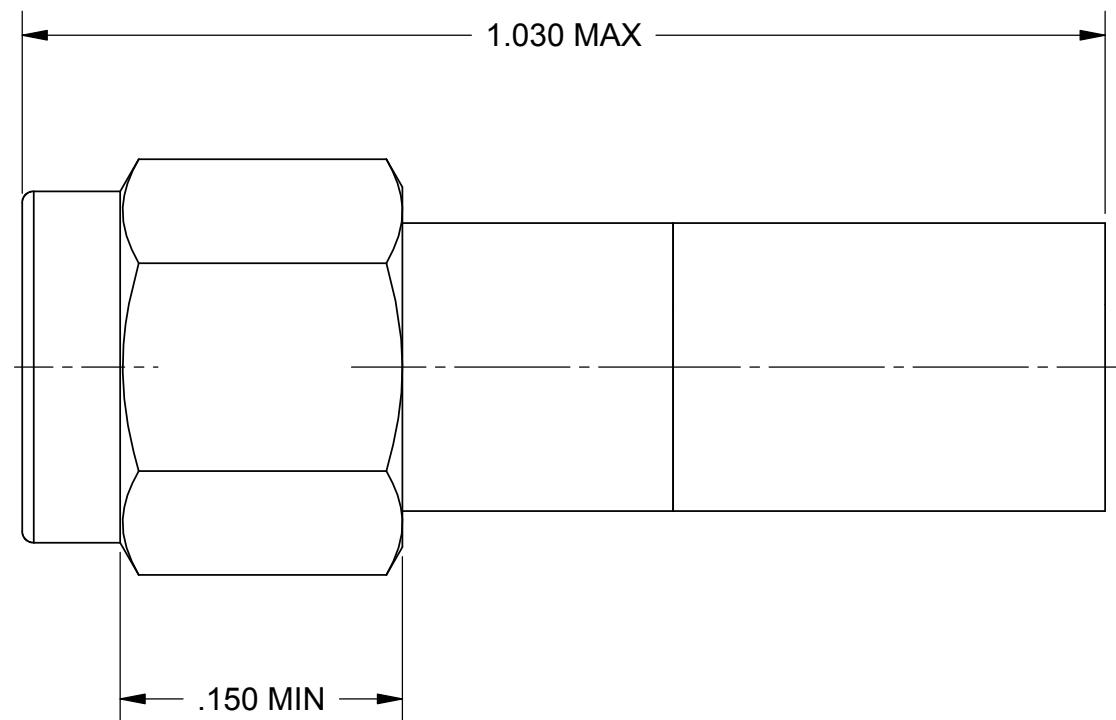
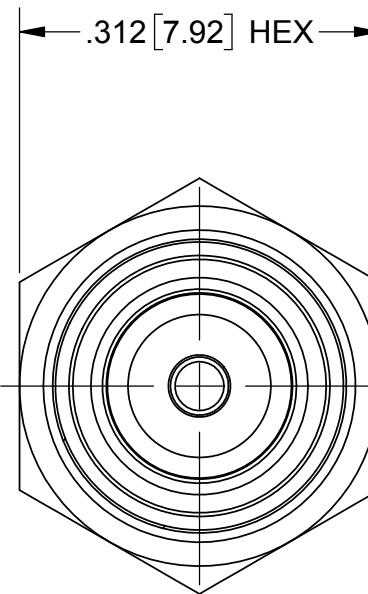


REV	DESCRIPTION	DATE	APPROVED
01	PRELIMINARY	03/18	STW

## PRODUCT DATA DRAWING

**MATERIAL:**

BODY & COUPLING NUT: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1; OR ASTM A582 TYPE 303, COND. A

LOCK RING: BERYLLIUM COPPER PER ASTM B194, B196 OR B197 ALLOYS UNS C17200 OR C17300

CONTACT: BERYLLIUM COPPER PER ASTM B196, ALLOY NO. UNS C17300, TD04

SOLDER RING: BRASS PER ASTM B16, ALLOY UNS No. C36000

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

GASKET: SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 60/70

SHRINK TUBING: M23053/4

**FINISH:**

COUPLING NUT: PASSIVATED PER AMS-2700

BODY, CONTACT, & SOLDER RING: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.52, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

**PERFORMANCE:**

IMPEDANCE: 50 OHMS  
FREQ. RANGE: DC TO 12.4 GHZ. OR LIMITED BY THE MAX FREQ. OF CABLE TYPE

MATERIAL: SEE NOTES

FINISH: SEE NOTES

SURFACE AREA: N/A

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.

DIMENSIONS ARE IN INCHES TOLERANCES:

FRACTIONAL:  $\pm 1/64$  ANGULAR:  $X^\circ \pm 1^\circ$

$X^\circ X' \pm 15'$

DECIMAL:  $X \pm .030$

$XX \pm .010$

$XXX \pm .005$

INTERPRET DIMENSIONS AND TOLERANCES

PER ASME Y14.5M - 1994

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

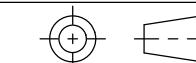
WITHIN .005 T.I.R.

7) REMOVE ALL BURRS

DRAWN: TMW 03/06/18

CHECKED: STW 03/06/18

APPROVED: STW 03/06/18



**SV MICROWAVE**  
Amphenol  
2400 Centrepark West Drive, Suite 100  
West Palm Beach, FL 33409

TITLE: SMA STRAIGHT PLUG  
SOLDER ATTACHMENT FOR  
RG-122 CABLE

SIZE: B CAGE CODE: 95077 DWG. NO. M39012/55-3108

SCALE: 6:1

SHEET 1 OF 1

# Mouser Electronics

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