

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
-	DCN 34571	09/06	STW

MATERIAL:

BODY, & COUPLING NUT: STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1

LOCK RING & CONTACT: BERYLLIUM COPPER PER ASTM B196, ALLOY UNS C17300, TD04

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

GASKET: SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 50/60

FINISH:

BODY: GOLD PER ASTM B 488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .0005" MIN.

COUPLING NUT: PASSIVATED PER AMS-2700, TYPE 2

CONTACT: GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.27; OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .0005" MIN.

PERFORMANCE:

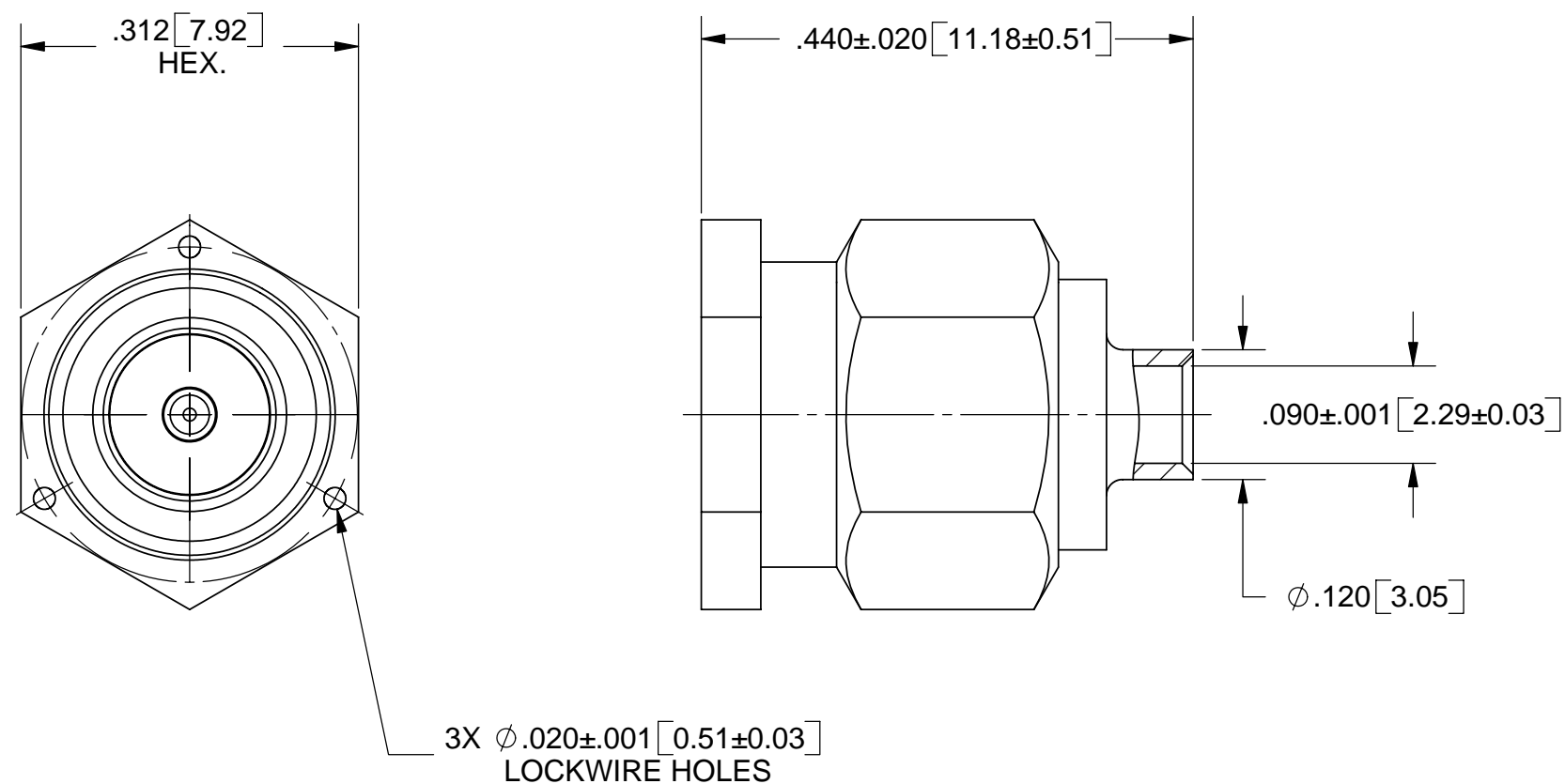
IMPEDANCE: 50 OHMS

FREQ. RANGE: DC TO 18.0 GHz

VSWR: 1.07+.010(F(F IN GHz)) DC TO 18.0 GHz OR APPROXIMATELY 80% OF THE UPPER CUTOFF FREQUENCY OF THE CABLE WHICHEVER IS LOWER.

DWV: 1000 VRMS.

INSUL. RESISTANCE: 5000 MEGOHMS, MIN.



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	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: SMA PLUG SOLDER-ON FOR .085 SEMI-RIGID CABLE
SURFACE AREA: N/A	THIRD ANGLE PROJECTION	DRAWN: PDW 09/25/06 CHECKED: STW 09/26/06 APPROVED: STW 09/26/06	SIZE: B CAGE CODE: 95077 DWG. NO.: M39012/79-3007
<p>PROPRIETARY</p> <p>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.</p>		SCALE: 6:1	SHEET 1 OF 1