

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
D	UPDATE	12/12	PJS

MATERIAL:

BODY, CAP,
FERRULE &
COUPLING NUT:

STAINLESS STEEL PER AMS-5640,
ALLOY UNS S30300, TYPE 1

LOCK RING:

BERYLLIUM COPPER PER ASTM B196,
ALLOY No. UNS C17300, TD04

CONTACT &
CRIMP RING:

BRASS PER ASTM B316
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

SHRINK TUBING:

POLYOLEFIN PER MIL-DTL-23053/4-302-0

FINISH:

BODY, CAP,
FERRULE,
CRIMP RING &
COUPLING NUT:

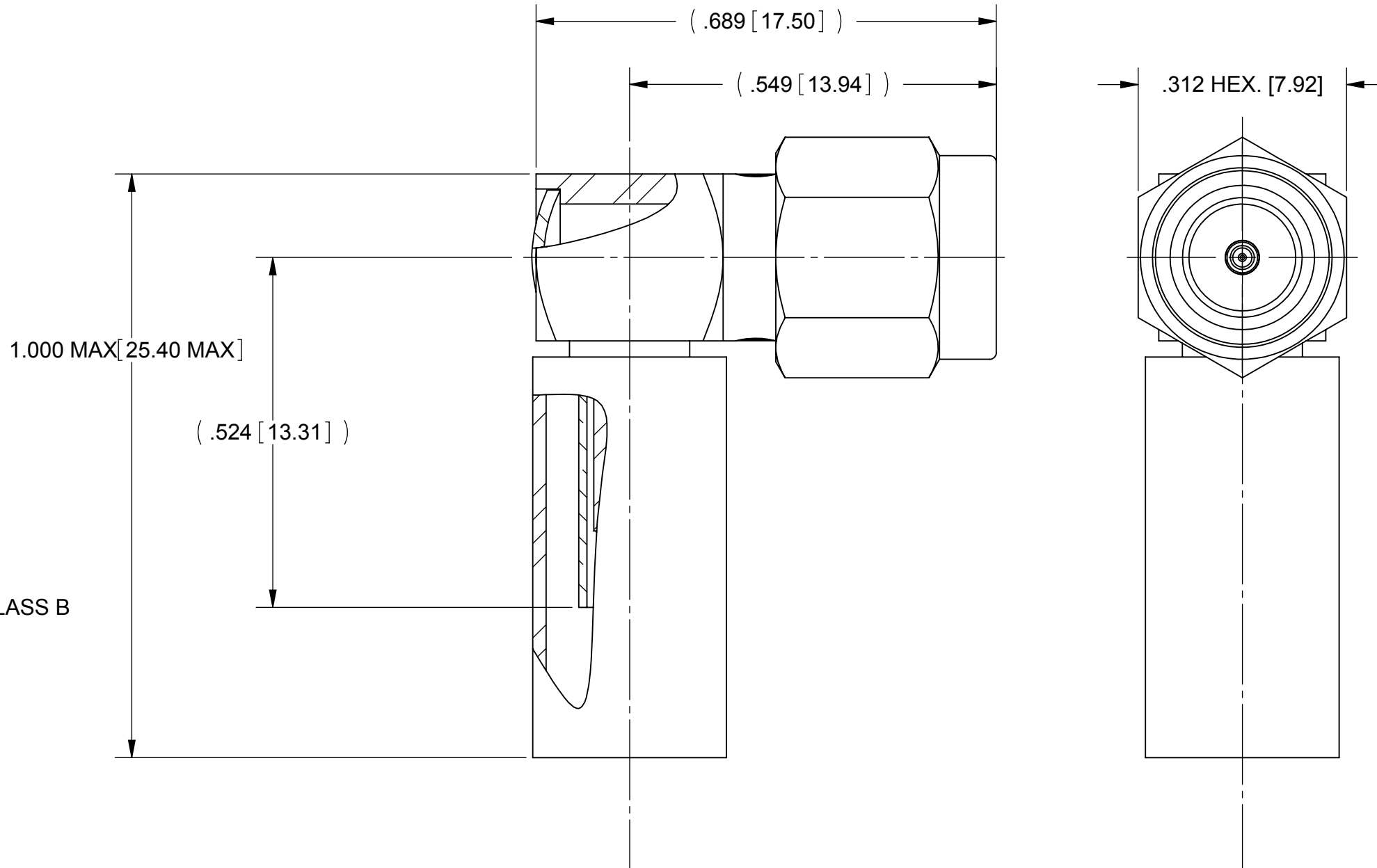
GOLD PER ASTM B488, TYPE I,
CODE C, CLASS 0.5 ; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

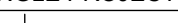
CONTACT:

GOLD PER ASTM B488, TYPE II,
CODE C, CLASS .76 ; OVER NICKEL
PER AMS-QQ-N-290, CLASS 1, .00005" MIN.

PERFORMANCE:

IMPEDANCE: 50 OHMS
FREQ. RANGE: DC TO 12.4 GHz
DWV: 750 VRMS
INSUL. RES.: 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		TITLE: SMA PLUG R/A SOLDER ON FOR RG-316 CABLE		
SURFACE AREA:	N/A	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994		SIZE CAGE CODE DWG. NO. B 95077 2913-6001		
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: PJS 12/4/12			
			CHECKED:			
			APPROVED:	SCALE: 5:1		SHEET 1 OF