

PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	DCN 58191	10/25	SEE PDM

MATERIAL:

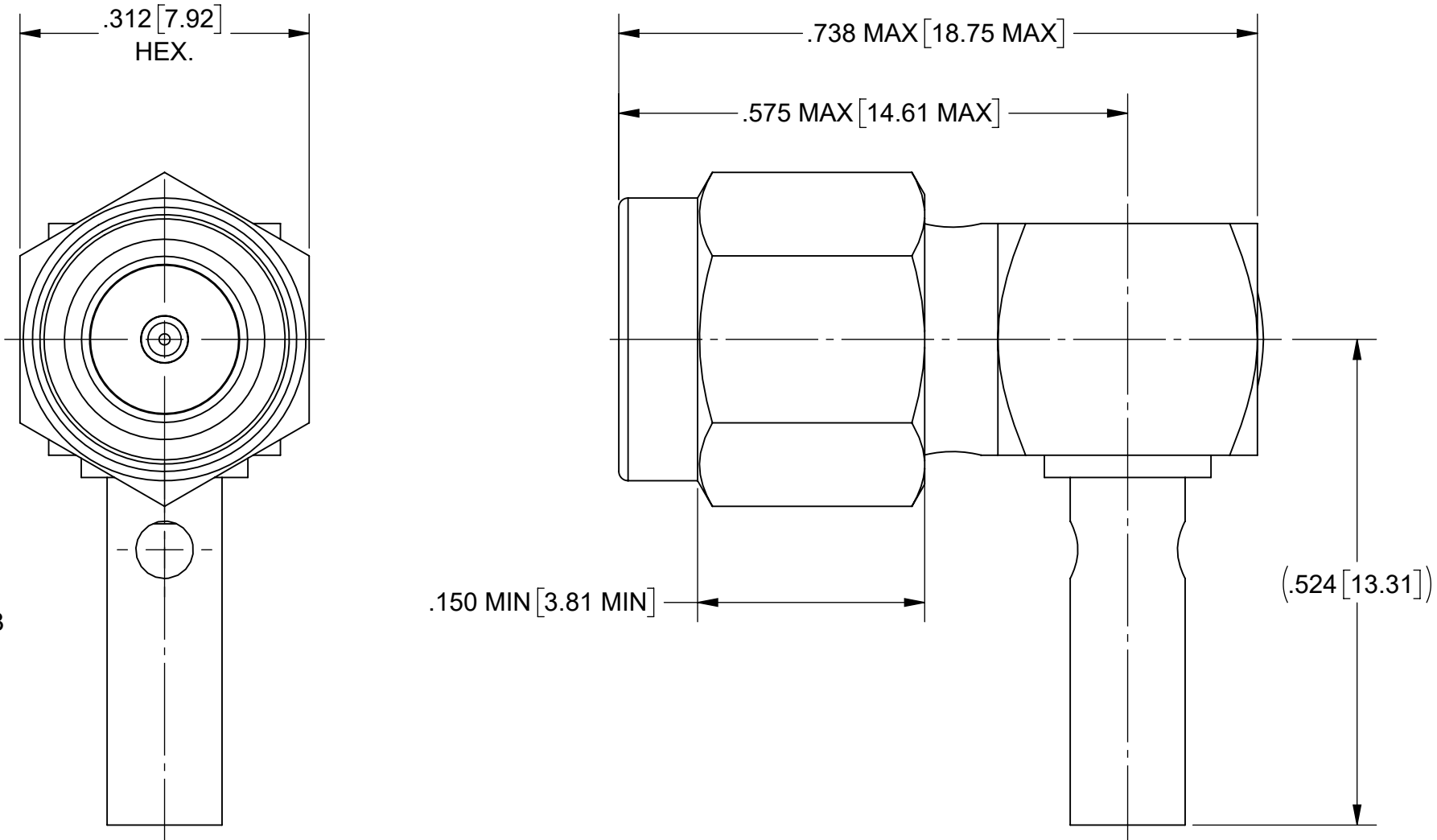
BODY & COUPLING NUT:	STAINLESS STEEL PER AMS-5640, ALLOY UNS S30300, TYPE 1
LOCK RING	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04
CONTACT & CRIMP RING:	BRASS PER ASTM B16, ALLOY UNS No. C36000
INSULATOR:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B
GASKET:	SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 60/70
PRESS CAP:	304 STAINLESS STEEL
SHRINK TUBING (NOT SHOWN):	FLEXIBLE POLYOLEFIN


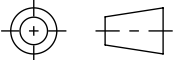
FINISH:

COUPLING NUT:	PASSIVATED PER AMS-2700.
BODY, FERRULE, CRIMP RING & PRESS CAP:	GOLD PER MIL-DTL-45204, TYPE II, GRADE C, CLASS 1 (.000050-.000100) OVER NICKEL PER AMS-QQ-N-290, CLASS 1 (.000100-.000200)
CONTACT:	GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1.52 (.000060-.000110) OVER NICKEL PER AMS-QQ-N-290 (LOW STRESS SULFAMATE), CLASS 1 (.00010-.00020)

PERFORMANCE:

IMPEDANCE:	50 OHMS
FREQ. RANGE:	DC TO 12.4 GHz
VSWR:	1.20 + .03F(F IN GHz), 0.5 TO 12.4 GHz OR APPROXIMATELY 80% OF THE CUT OFF FREQUENCY OF THE CABLE, WHICHEVER IS LOWER



MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:	UNLESS OTHERWISE SPECIFIED	 www.svmicrowave.com		
FINISH:	SEE NOTES	FRACTIONAL: $\pm 1/64$ ANGULAR: X° $\pm 1^{\circ}0'$ X°X' $\pm 15'$	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	DECIMAL: .X $\pm .030$ .XX $\pm .010$ .XXX $\pm .005$	INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994	TITLE: SMA PLUG R/A SOLDER FOR RG-178 CABLE		
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: FSG 10/01/13	SIZE B	DWG. NO. M39012/56-3106	SHEET 1 OF 1
			CHECKED: SEE PDM APPROVED: SEE PDM	SCALE: 4:1		