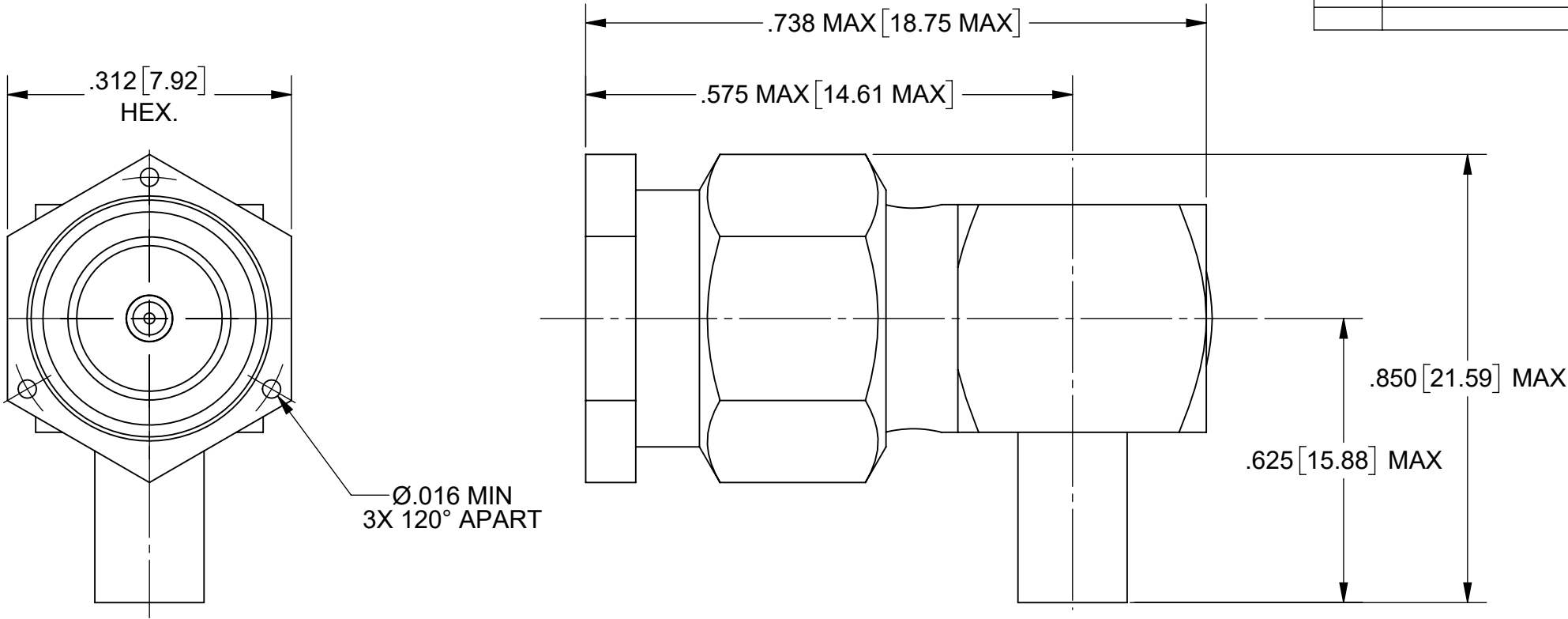
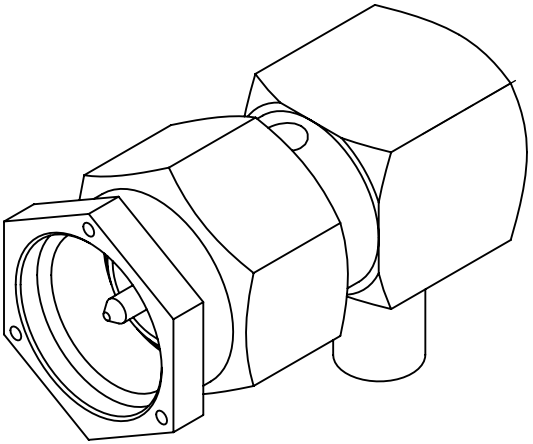


PRODUCT DATA DRAWING

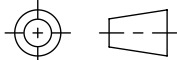
REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
A	REV. DCN 51218	12/01/21	SEE PDM



MATERIAL:	
BODY & COUPLING NUT:	STAINLESS STEEL PER AMS 5640, ALLOY UNS S30300, TYPE 1 OR ASTM A582, TYPE 303, CONDITION A.
PRESS CAP:	STAINLESS STEEL PER ASTM A240, ALLOY UNS S30400, TYPE 304.
CONTACT:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04.
LOCK RING:	BERYLLIUM COPPER PER ASTM B196, ALLOY No. UNS C17300, TD04.
INSULATOR:	PTFE PER ASTM D1710, TYPE I, GRADE 1, CLASS B.
GASKET:	SILICONE RUBBER PER A-A-59588, CLASS 2B, GRADE 60/70.
FINISH:	
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, .00005" MIN.
BODY:	GOLD PER MIL-DTL-45204, TYPE II, GRADE C, CLASS 1, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .00005" MIN.
PRESS CAP:	GOLD PER ASTM B488, TYPE I, CODE C, CLASS 1.27, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .000050" MIN.



PERFORMANCE:	
IMPEDANCE:	50 OHMS
FREQ. RANGE:	DC TO 12.4 GHz.
VSWR:	1.10+.01F (F IN GHz) OR 80% OF THE UPPER CUTOFF FREQ. OF THE CABLE, WHICHEVER IS LOWER.
DWV:	1000 VRMS.
INSUL. RES.:	5000 MEGOHMS MINIMUM.

MATERIAL:	SEE NOTES	DIMENSIONS ARE IN INCHES TOLERANCES:	UNLESS OTHERWISE SPECIFIED		 www.svmicrowave.com		
FINISH:	SEE NOTES	FRACTIONAL: $\pm 1/64$ ANGULAR: $X^{\circ} \pm 1^{\circ}0'$ $X^{\circ}X' \pm 15'$	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 ON FOR Ø.085 S.R. 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 DWG. NO.	
				CHECKED: SEE PDM		M39012/80-3005	
				APPROVED: SEE PDM			
				SCALE: 4:1		SHEET 1 OF 1	