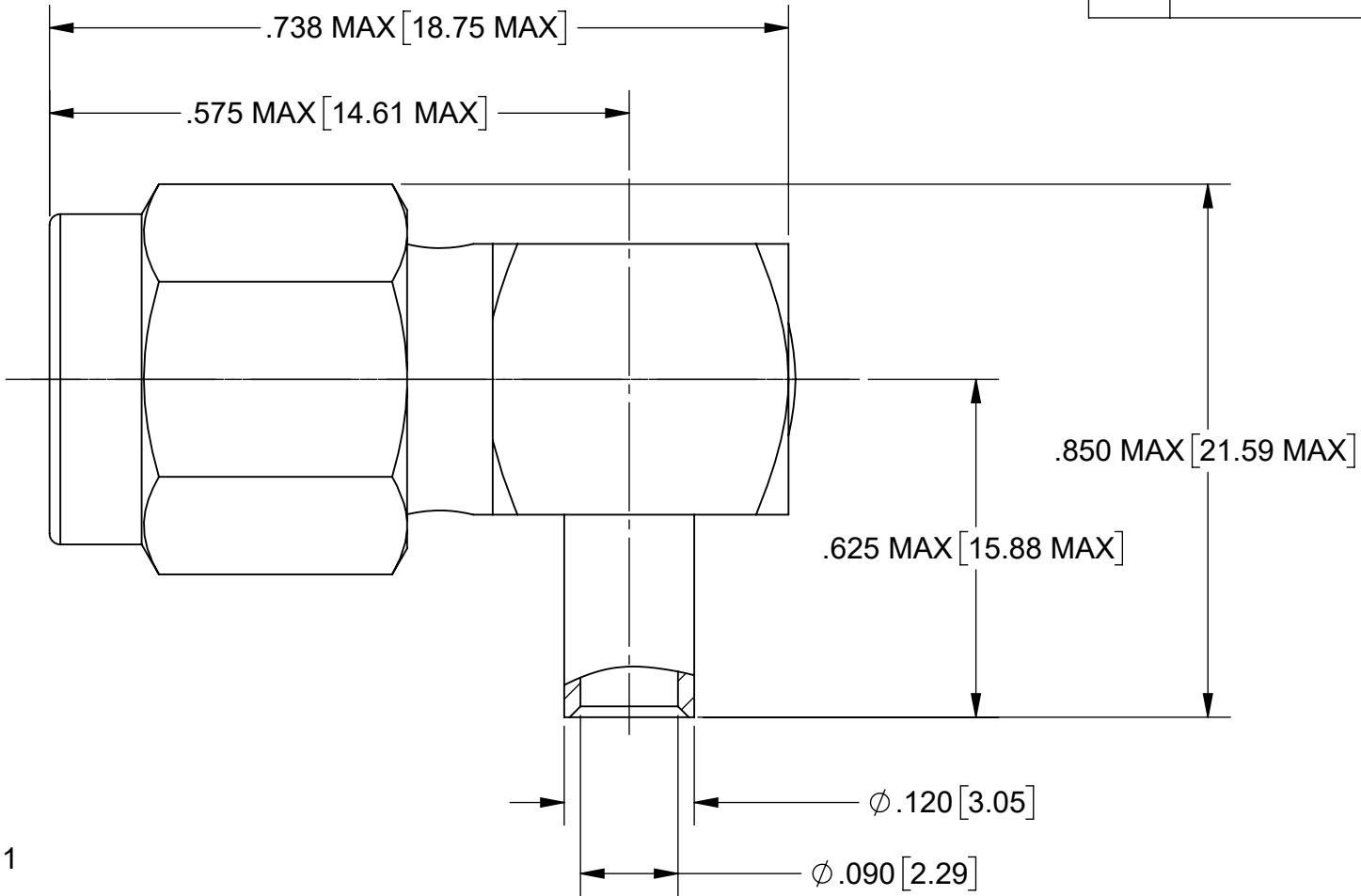
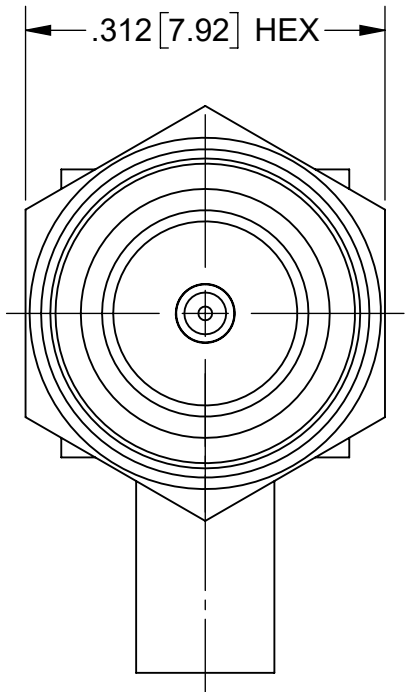


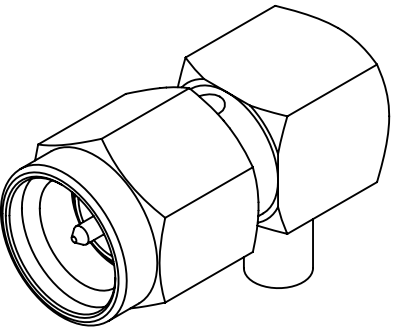
PRODUCT DATA DRAWING

REVISION HISTORY			
REV	DESCRIPTION	DATE	APPROVED
C	REV. DDCN 51692	06/14/22	STW



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 B194, B196 OR B197, ALLOY No. UNS C17200 OR C17300.
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.
CONTACT:	GOLD PER ASTM B488, TYPE II, CODE C, CLASS 1, OVER NICKEL PER AMS-QQ-N-290, CLASS 1, .000050" MIN.
BODY & PRESS CAP:	GOLD PER MIL-G-45204, TYPE II, GRADE 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		SV Microwave, Inc.		
FINISH:	SEE NOTES	FRACTIONAL: ±1/64 ANGULAR: X° ±1°0' X°X' ±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		2400 Centrepark West Drive, Suite 100 West Palm Beach, FL 33409		
SURFACE AREA:	N/A	DECIMAL: .X ±.030 .XX ±.010 .XXX ±.005				TITLE:		
PROPRIETARY		INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994				SMA PLUG R/A SOLDER ON FOR .085 SEMI RIGID CABLE		
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 03/29/11		SIZE	DWG. NO.	
				CHECKED: PJS 03/29/11		B	M39012/80-3107	
				APPROVED: PJS 03/29/11				
						SCALE: 6:1		SHEET 1 OF 1