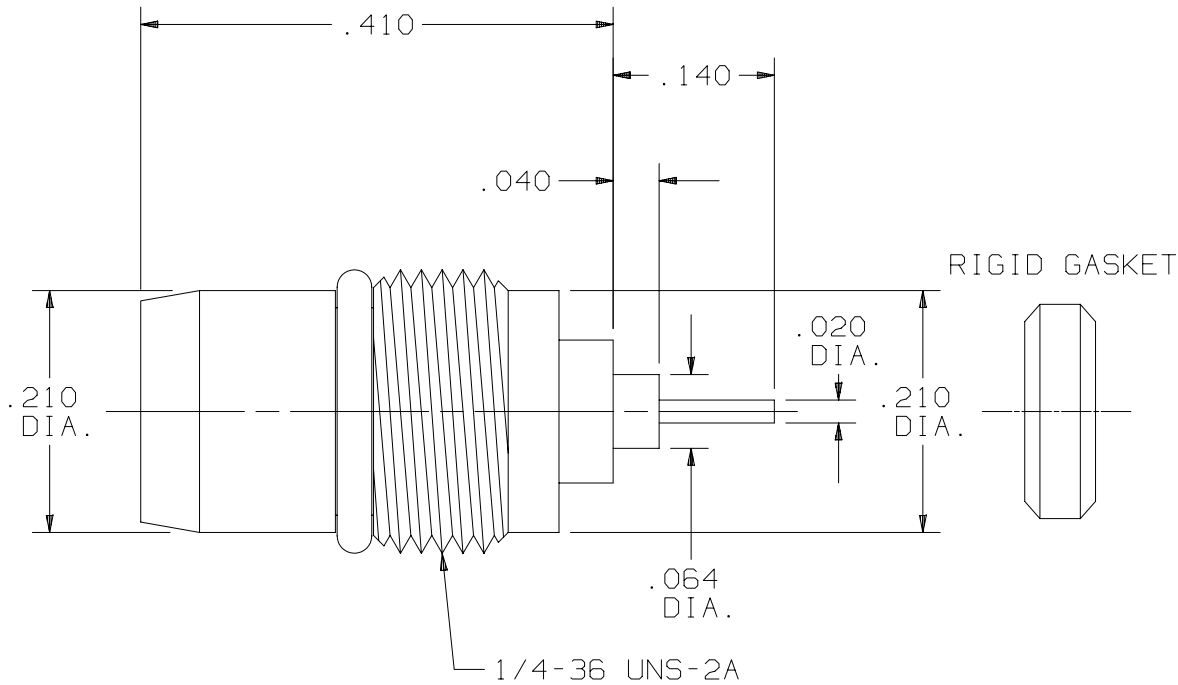


# PRODUCT DATA DRAWING

CAD GENERATED DRAWING	DCN CONTROLLED DOCUMENT	DWG. NO. <b>SF1775-6012</b>
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**MATERIALS:**

- BODY: STAINLESS STEEL PER AMS-5640, UNS S30300, TYPE I
- METAL GASKET: STAINLESS STEEL PER, ASTM A276, UNS S44004, TYPE 440C
- CONTACT: BERYLLIUM COPPER PER ASTM-196, COND. TD04, ALLOY UNS-C17300
- INSULATORS: TEFLON PER ASTM-D-1457
- PIN: KOVAR PER ASTM-F15-61P
- GLASS BEAD: CORNING 7070
- O-RING: FLUOROCARBON RUBBER PER MIL-R-83248B TYPE 1, CLASS 1

**FINISHES:**

- BODY: PASSIVATE PER QQ-P-35C TYPE II
- METAL GASKET: SILVER PER QQ-S-365, TYPE II, GRADE A
- CONTACT: GOLD PER MIL-G-45204, TYPE I, GRADE C, CLASS 0 OVER NICKEL PER QQ-N-290 CLASS 2
- PIN: GOLD PER MIL-G-45204, TYPE I, GRADE C CLASS 1 OVER NICKEL PER QQ-N-290 CLASS 1

**ELECTRICAL:**

- IMPEDANCE: 50 OHMS
- FREQ. RANGE: DC TO 22 GHz
- D.W.V.: 1500 VRMS
- INSUL. RES.: 5,000 MEGOHMS MIN.

SYM.	DESCRIPTION	DATE	APPR.	UNLESS OTHERWISE SPECIFIED: 1) ALL DIMENSIONS ARE AFTER PLATING. 2) BREAK CORNERS & EDGES .005 R. MAX. 3) CHAM. 1st & LAST THDS. 4) SURFACE ROUGHNESS 63 / MIL-STD-10. 5) DIAS. ON COMMON CENTERS TO BE CONCENTRIC WITHIN .005 T.I.R. 6) REMOVE ALL BURRS.	DIMENSIONS ARE IN INCHES			<i>SV Microwave, Inc.</i> 3301 Electronics Way West Palm Beach, FL, 33407		
	—	REL. NRN 25760	12/99		SW	TOLERANCES:			TITLE: BMA PLUG, HERMETIC SEAL WITH RIGID GASKET	
	A	REV. NRN 25922	2/00		SW	DECIMALS	FRACTIONAL			ANGULAR
	B	REV. NRN 26061	5/00		SW	.X ±.030			X° ±1°0'	
					.XX ±.015	±1/64	X°X' ±15'	MATERIAL: SEE P/L FINISH: SEE P/L AREA: N/A		
					.XXX ±.005					
				DRAWN: VMJ 12/14/99	SIZE	CAGE NO.	SCALE			
				CHECKED: SW 12/16/99	A	95077	10X	DWG. NO. SF1775-6012		
				APPROVED: SW 12/16/99						