

# DC-27 GHz -SMA HIGH FREQUENCY/HIGH PERFORMANCE CONNECTOR

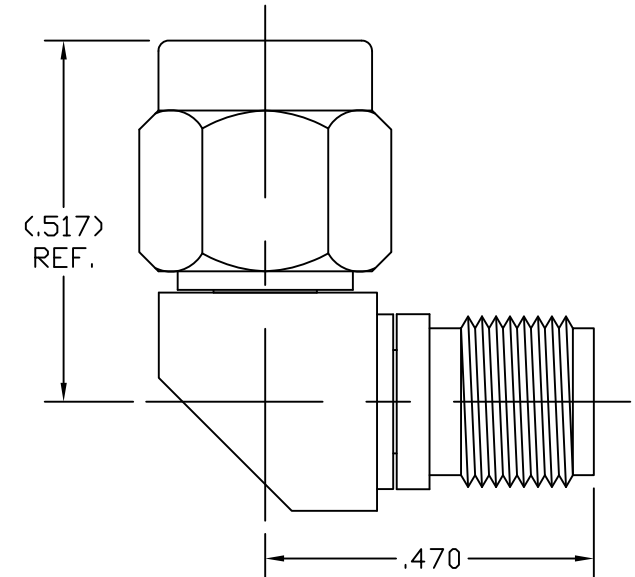
20-921-4200-00


**MATERIALS:** SST. CORROSION-RESISTANT, NON MAGNETIC 303, PER ASTM A484 AND A582. BERYLLIUM COPPER PER ASTM-B-196, QQ-C-530  
PTFE FLUOROCARBON PER ASTM-D-1710

**FINISH:** CENTER CONDUCTORS AND SOLDER COMPONENTS SHALL BE PLATED PER MIL-G-45204 TYPE II, CLASS 1 OVER NICKEL PLATE PER QQ-N-290.  
BODY AND BODY COMPONENTS SHALL BE PASSIVATED PER ASTM A380.

**VSWR/FREQUENCY:** 1.15:1 MAX. TO 27GHz

**INSERTION LOSS:**  $.05\sqrt{\text{FREQUENCY}}$



LTR	DESCRIPTION	DATE	APPR.	DRAWN <i>LMW</i>	CHECKED	USED ON	 SRI CONNECTOR GAGE CO. 3950 DOW ROAD MELBOURNE FL. 32934		
-	REL	02/04		APPR.	SCALE	20-921-4200-00	TITLE		
				UNLESS OTHERWISE SPECIFIED: 1. REMOVE ALL BURRS 2. BREAK ALL CORNERS & EDGES .005 R. MAX 3. CHAMFER 1st & LAST THREADS 45° 4. SURFACE FINISHED 32✓ UNLESS OTHERWISE SPECIFIED. 5. DIAMETERS ON COMMON CENTERS TO BE CONCENTRIC WITHIN .002 T.I.R. 6. ALL DIMENSIONS ARE AFTER PLATING.		MATERIAL	SMA PLUG TO SMA JACK R/A		
				DIMENSIONS ARE IN INCHES TOLERANCES		FINISH			
				DECIMALS      FRACTIONAL      ANGULAR .X            ±.030 .XX          ±.010 .XXX        +.005		SIZE	FSCM NO.	SHEET	DWG. NO.
						A	OHMO1	1	20-921-4200-00