

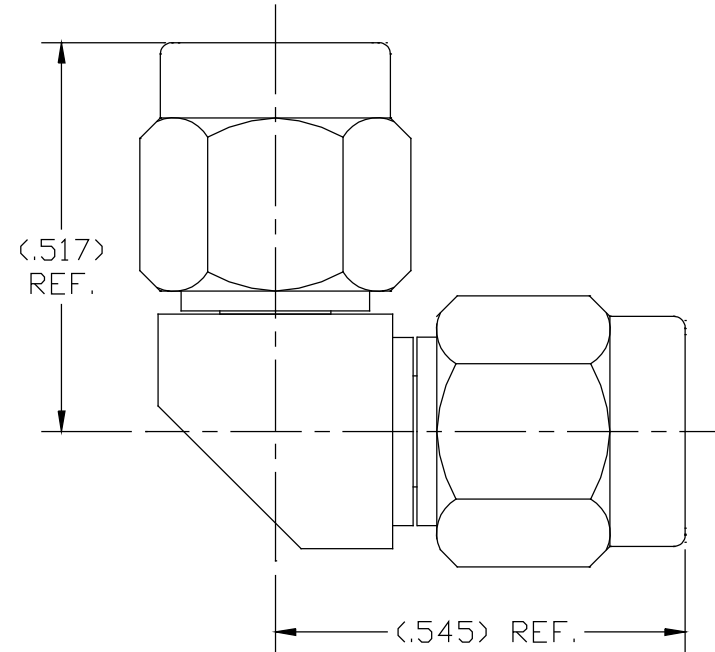
NOTES:

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

20-920-2100-02

- Materials:** SST. corrosion-resistant, 303, per ASTM A484 and A582.
 Beryllium Copper per ASTM-B-196, QQ-C-530
 PTFE Fluorocarbon per ASTM-D-1710
 Silicone per ZZ-R-765, GR.65-75, CL 2B
- Finish:** Center Conductors and solder components shall be gold 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.
- Nominal Impedance:** 50 OHMS
- Frequency:** DC-27 GHz
- VSWR:** 1.35:1 TO 27 GHz
- Mechanical:** Connector durability: 500 cycles minimum
 Recommended Mating Torque: 8 to 10 in. lbs.

CONNECTOR MEETS GENERAL ELECTRICAL, MECHANICAL AND ENVIRONMENTAL REQUIREMENTS OF MIL-PRF-39012, AND MIL-STD-348B



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LTR	DESCRIPTION	DATE	APPR.	DRAWN	CHECKED	USED ON	C:\Users\jvankirk\Desktop\logo.jpg				
-	REL PER ECN# 2551	4/18		APPR.	SCALE	20-920-2100-02					
				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	TITLE			
				DIMENSIONS ARE IN INCHES TOLERANCES			FINISH	SMA PLUG TO SMA PLUG R/A			
				DECIMALS	FRACTIONAL	ANGULAR	SIZE		FSCM NO.	SHEET	DWG. NO.
				.X ±.030 .XX ±.010 .XXX ±.005	± 1/64	.X° ±1°0' .X°X' ±15'	A		OHMO1	1	20-920-2100-02