NOTES:

20-920-4200-00

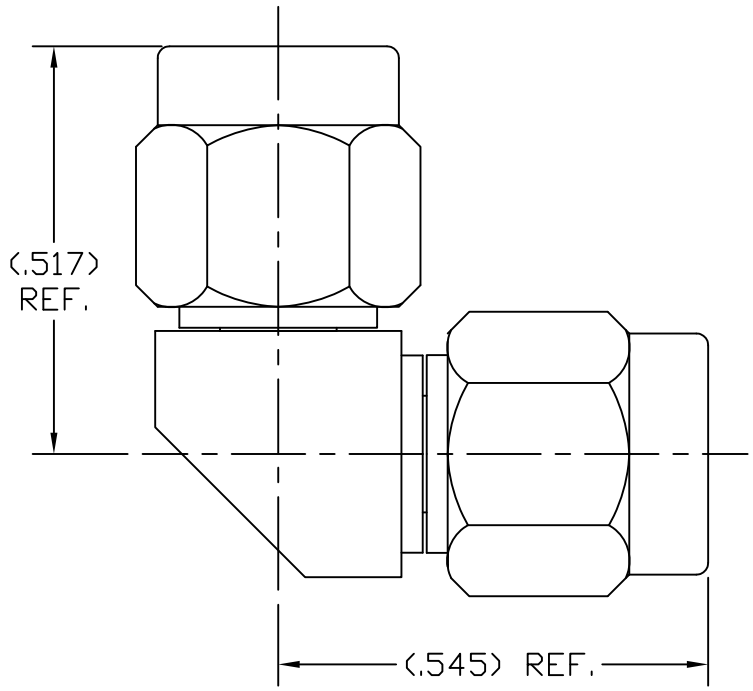
DC-27 GHz -SMA HIGH FREQUENCY/HIGH PERFORMANCE CONNECTOR

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.
–	REL	12/02	

DRAWN *LMW* | CHECKED | APPR. | SCALE

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.

DIMENSIONS ARE IN INCHES
TOLERANCES

DECIMALS		FRACTIONAL	ANGULAR	
.X	±.030	± 1/64	.X°	±1°0′
.XX	±.010		.X°X′	±15′
.XXX	+.005			

USED ON: 20-920-4200-00

MATERIAL

FINISH

SRI CONNECTOR GAGE CO.
3950 DOW ROAD
MELBOURNE FL. 32934

TITLE: SMA PLUG TO SMA PLUG R/A

SIZE	FSCM NO.	SHEET	DWG. NO.
A	OHMO1	1	20-920-4200-00