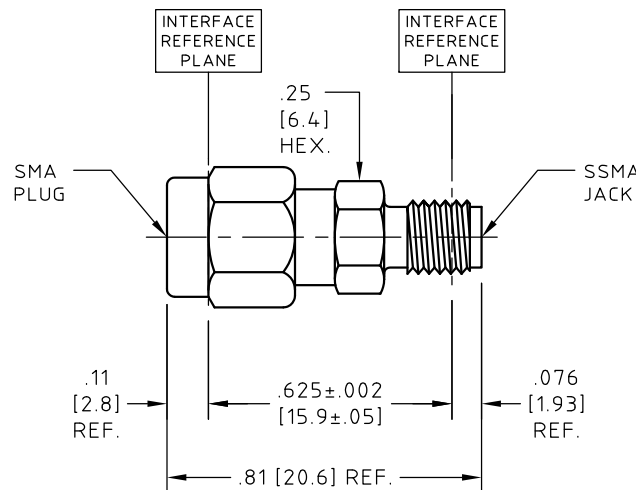



NOTES:

1. DESCRIPTION,
ADAPTOR, SMA PLUG TO SSMA JACK.
2. MATERIALS AND FINISHES,
BODY AND NUT,
STEEL, CORROSION RESISTANT PER ASTM A-582,
UNS No. S30300, COND. A, NON MAGNETIC,
PASSIVATED PER SAE-AMS-2700.
NO DICHROMATE SOLUTIONS USED.
CENTER CONDUCTOR,
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER TD04(H),
GOLD PLATED 50 μIN (1.27 μM) MIN. THK.
PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
OVER
NICKEL PLATE, 50 μIN (1.27 μM) MIN. THK.
PER SAE-AMS-QQ-N-290, CLASS 1.
DIELECTRIC,
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710,
OR ASTM D-4894, TYPE I, GRADE 1.
RETAINING RING,
BERYLLIUM COPPER, PER ASTM B-197
UNS No. C17200 TEMPER TD04(H)
GASKET,
SILICONE RUBBER PER GSA CID A-A-59588-2B
AND SAE-AMS-3304.
3. ELECTRICAL CHARACTERISTICS:
IMPEDANCE
50.0 Ohms NOMINAL.
FREQUENCY
18.0 GHz MAX.
INSERTION LOSS
0.35 dB MAX.
VSWR
1.25 : 1 MAX.
4. INTERFACE MEETS MIL-STD-348.
5. 29119 ADAPTOR IS PHASE MATCHED WITH THE FOLLOWING
SSMA TO SSMA ADAPTORS: 29167, 29105, AND 29124,
AND WITH THE FOLLOWING SSMA TO SMA ADAPTORS:
29118, 29120, AND 29121.



RoHS 6 COMPLIANT

NAME	DATE	 <p>THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.</p>
PREP. RSK	12/23/80	
ELEC.		
MECH.		
Q.C.		

UNLESS OTHERWISE SPECIFIED CONCENTRICITY .004 T.I.R. CORNERS AND FILLETS .005 MAX. RADIUS OR CHAMFER. SURFACE FINISH 63 RMS MICROINCHES OR BETTER.	
FRACTIONS	± 1/16
X	± .030
XX	± .015
XXX	± .005
ANGLES	± 1°
DO NOT SCALE DRAWING	

TITLE	ADAPTOR, SMA PLUG TO SSMA JACK		
THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.	SCALE 2:1	CODE IDENT. 16301	DWG NO. 29119
			REV G

G	CORRECT TYPO, P/N; ADDED RoHS 6 COMPL	08/16/16	EB	
REV.	DESCRIPTION	DATE	BY	APPROVED