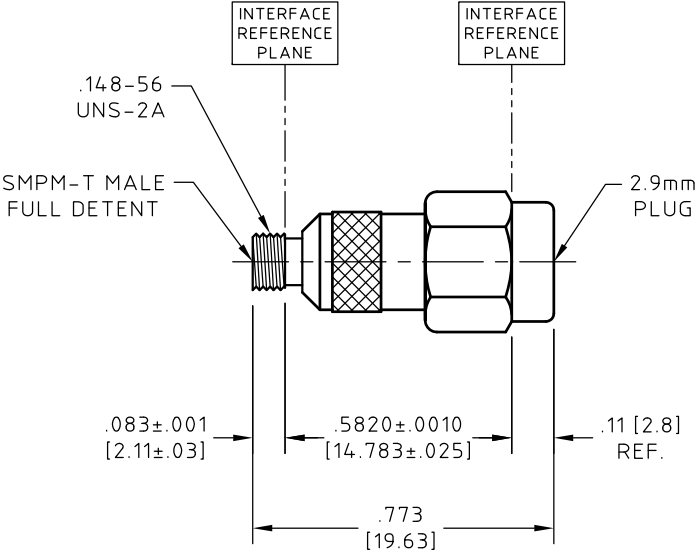


NOTES:

1. DESCRIPTION:
ADAPTOR, SMPM-T MALE TO 2.9mm PLUG.
2. MATERIALS AND FINISHES:
BODY AND CENTER CONDUCTOR,
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER TD04(H),
GOLD PLATED .000050 IN (1.27 µM) MIN. THK.
PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
OVER
NICKEL PLATE, .000050 IN (1.27 µM) MIN. THK.
PER SAE-AMS-QQ-N-290, TYPE 1.
NUT,
STEEL, CORROSION RESISTANT PER ASTM A-582,
UNS No. S30300, COND. A, NON MAGNETIC,
GOLD PLATED .000050 IN (1.27 µM) MIN. THK.
PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
OVER
NICKEL PLATE, .000050 IN (1.27 µM) MIN. THK.
PER SAE-AMS-QQ-N-290, TYPE 1.
DIELECTRIC,
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710,
OR ASTM D-4894, TYPE I, GRADE 1. AND
POLYETHERIMIDE RESIN (PEI) (G.E. ULTEM®) PER ASTM D-5205
RETAINING RING,
BERYLLIUM COPPER, PER ASTM B-197 OR B-441,
UNS No. C17200 TEMPER TD04(H)
OUTGASSING,
ASSEMBLY MEETS OR EXCEEDS NASA
LOW OUTGASSING REQUIREMENTS.
3. ELECTRICAL CHARACTERISTICS:
IMPEDANCE
50.0 Ohms NOMINAL.
FREQUENCY
40.0 GHz MAX.
INSERTION LOSS
0.40 dB MAX.
VSWR
1.35 : 1 MAX.
4. INTERFACES MEETS MIL-STD-348.
5. OPERATING TEMPERATURE RANGE:
-55° C TO +125° 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	

NAME		DATE	 HUBER+SUHNER Astrolab	
PREP.	GSG	04/27/07		
ELEC.	RF	05/01/07		
MECH.	AW	05/01/07		
Q.C.				
TITLE			THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.	
ADAPTOR, SMPM-T MALE TO 2.9mm PLUG				
THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.	SCALE	CODE IDENT.	DWG NO.	REV
	2:1	16301	29429-1T2	D

D	COMPANY LOGO UPDATED	10/04/13	EF	
REV.	DESCRIPTION	DATE	BY	APPROVED