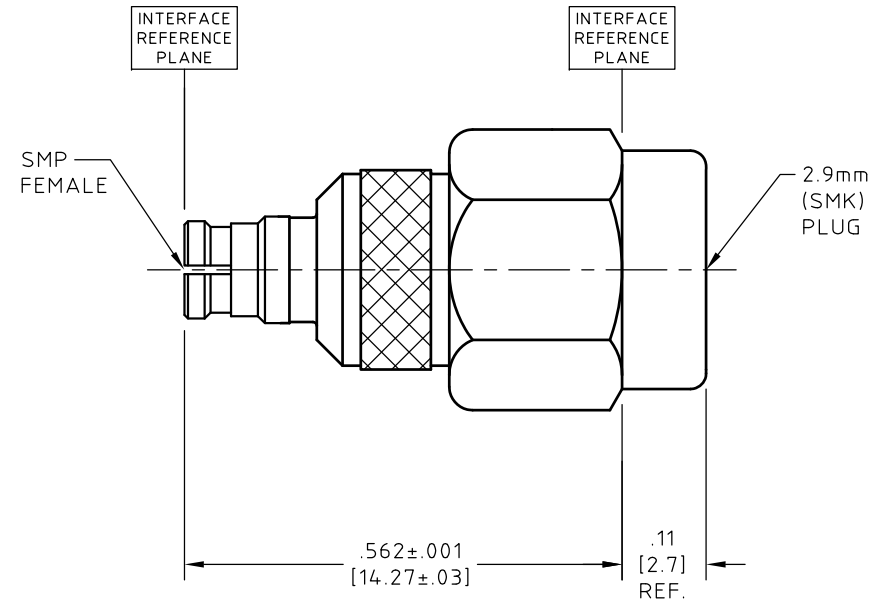



NOTES:

- DESCRIPTION,
ADAPTOR SMP FEMALE TO 2.9MM (SMK) PLUG.
- MATERIALS AND FINISHES,
2.9MM (SMK) NUT,
STEEL, CORROSION RESISTANT PER ASTM A-582,
UNS No. S30300, COND. A, NON MAGNETIC,
PASSIVATED PER SAE-AMS-2700.
NO DICHROMATE SOLUTIONS USED.
BODY AND CENTER CONDUCTORS,
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER TD04(H),
GOLD PLATED 50 μ IN (1.27 μ M) MIN. THK.
PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
OVER
NICKEL PLATE, 50 μ IN (1.27 μ M) 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 AND
POLYETHERIMIDE RESIN (PEI) (G.E. ULTEM®) PER ASTM D-5205.
RETAINING RING,
BERYLLIUM COPPER, PER ASTM B-197
UNS No. C17200 TEMPER TD04(H)
GASKET,
NONE.
- ELECTRICAL CHARACTERISTICS:
IMPEDANCE
50.0 Ohms NOMINAL.
FREQUENCY
40.0 GHz MAX.
INSERTION LOSS
0.40 dB MAX.
VSWR
1.35 : 1 MAX.
PHASE MATCHED ADAPTOR,
THIS ADAPTOR IS PART OF ASTRO-PHASE-SERIES,
A SERIES OF PHASE MATCHED ADAPTORS,
OFFERED BY HUBER+SUHNER Astrolab.
- INTERFACE MEETS MIL-STD-348.
- 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	 THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.			
PREP. AP	04/02/03				
ELEC.					
MECH.					
Q.C.		ADAPTOR, SMP FEMALE TO 2.9mm (SMK) PLUG			
TITLE					
THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.	SCALE 4:1	CODE IDENT. 16301	DWG NO. 29487-4	REV B	

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