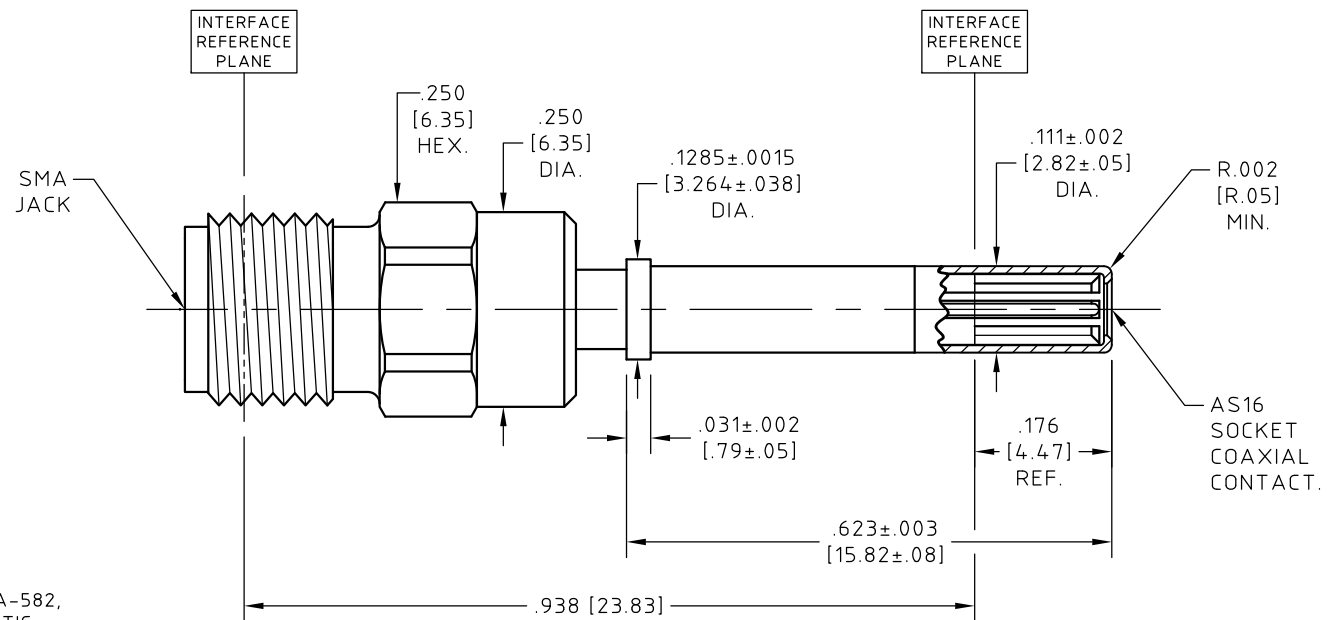


CONTROL DRAWING

29557-5

C



NOTES:

- DESCRIPTION
ADAPTOR, SMA JACK TO COAXIAL CONTACT
AS16 SOCKET, REF. MIL-C-39029/77.
- MATERIALS AND FINISHES
SMA BODY AND PIN SHEATH
STEEL, CORROSION RESISTANT PER ASTM A-582,
UNS No. S30300, COND. A, NON MAGNETIC,
PASSIVATED PER SAE-AMS-2700.
NO DICHROMATE SOLUTIONS USED.
ALL CENTER CONDUCTORS AND CONTACT BODY,
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.

3. ELECTRICAL CHARACTERISTICS:

- IMPEDANCE
50.0 Ohms NOMINAL.
- FREQUENCY
2.0 GHz MAX.
- INSERTION LOSS
0.20 dB MAX.
- VSWR
1.22:1 MAX.

4. INTERFACES,

- SMA INTERFACE MEETS MIL-STD-348
AS16 SOCKET INTERFACE MEETS MIL-C-39029/77.

5. OPERATING TEMPERATURE RANGE
-55° C TO +125° C.

RoHS 6 COMPLIANT

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		
PREP.	GSG	04/26/05		
ELEC.	RF	04/26/05		
MECH.	AW	04/26/05		
Q.C.				
TITLE			THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.	
ADAPTOR, SMA JACK TO COAXIAL CONTACT AS16, SOCKET, REF. MIL-C-39029/77				
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. 29557-5	REV C