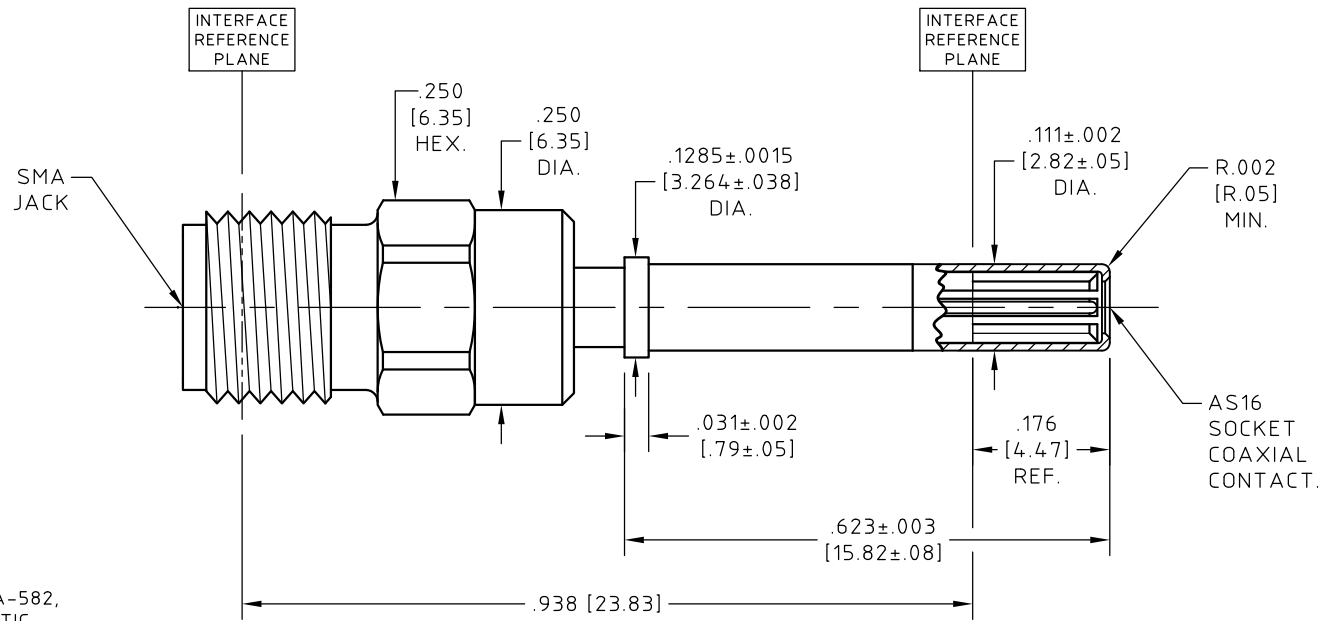


# CONTROL DRAWING

29557-5

C



**NOTES:**

1. DESCRIPTION  
ADAPTOR, SMA JACK TO COAXIAL CONTACT  
AS16 SOCKET, REF. MIL-C-39029/77.
2. 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.	

HUBER+SUHNER

Astrolab

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**TITLE**  
**ADAPTOR, SMA JACK TO COAXIAL CONTACT AS16, SOCKET, REF. MIL-C-39029/77**

C	ECN No. 18472	08/17/16	EF							
REV.	DESCRIPTION	DATE	BY	APPROVED	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