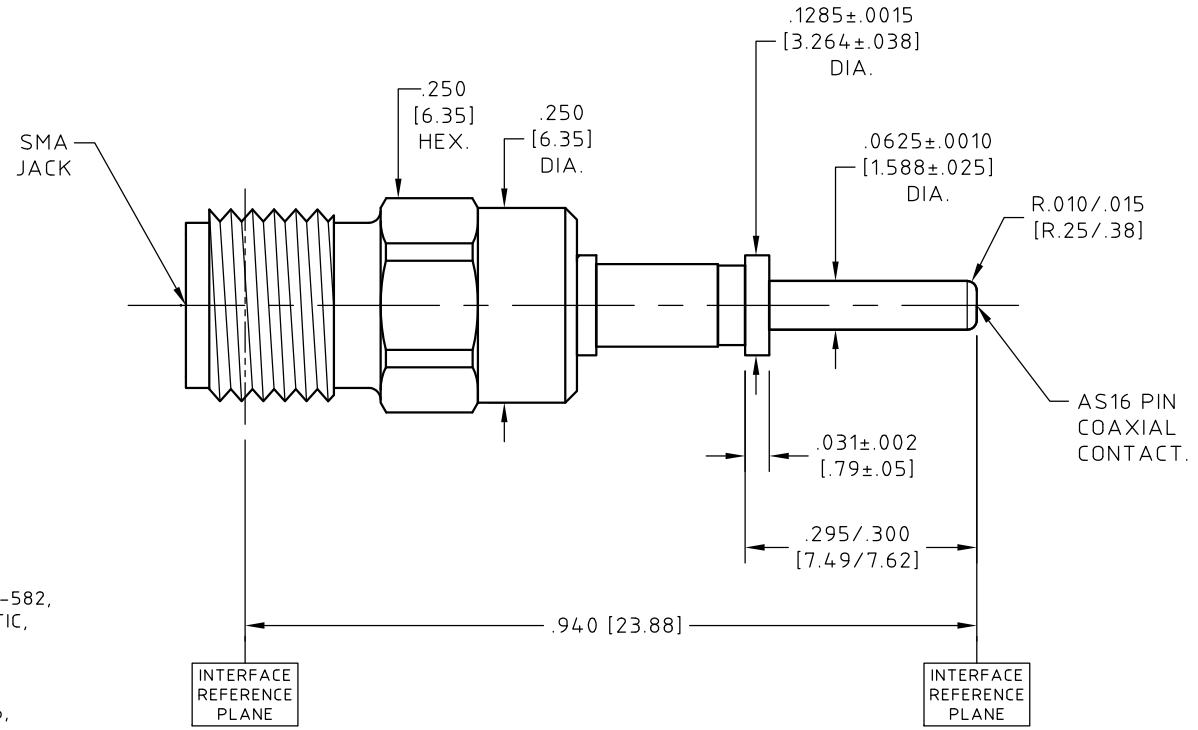
CONTROL DRAWING

29557-4

C



NOTES:

1. DESCRIPTION
   ADAPTOR, SMA JACK TO COAXIAL CONTACT
   AS16 PIN, REF. MIL-C-39029/76.

2. MATERIALS AND FINISHES
   SMA BODY,
   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 PIN INTERFACE MEETS MIL-C-39029/76

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

RoHS 6 COMPLIANT

	NAME	DATE
PREP.	GSG	05/02/05
ELEC.	RF	05/03/05
MECH.	AW	05/03/05
Q.C.		

HUBER+SUHNER
Astrolab

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 JACK TO COAXIAL CONTACT AS16, PIN, REF. MIL-C-39029/76

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
4:1	16301	29557-4	C

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