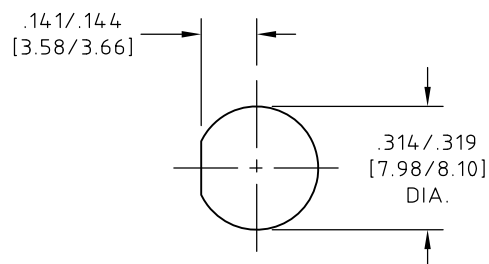


CONTROL DRAWING

29812

R



PANEL CUT OUT (PC4)

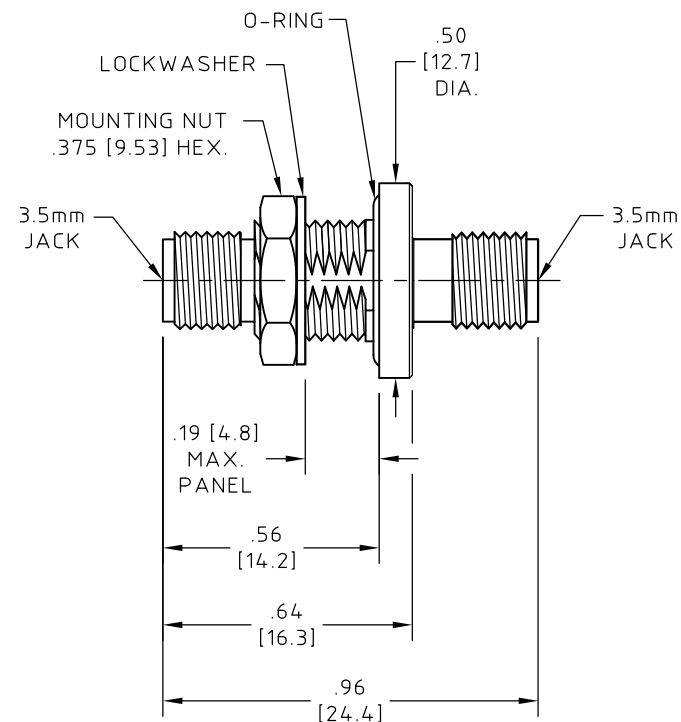
TORQUE MOUNTING NUT
TO 20.0±2.0 IN-LBS
[2.26±.23Nm]

NOTES:

- DESCRIPTION,
ADAPTOR, 3.5mm JACK TO 3.5 mm JACK, BULKHEAD.
- MATERIALS AND FINISHES,
BODY AND MOUNTING NUT,
STEEL, CORROSION RESISTANT PER ASTM A-582,
UNS No. S30300, COND. A, NON MAGNETIC,
PASSIVATED PER SAE-AMS-2700.
NO DICHROMATE SOLUTIONS USED.
CENTER CONDUCTOR,
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,
POLYPHENYLENE OXIDE (PPO) BASE RESIN, (G.E. NORYL).
LOCKWASHER,
COPPER ALLOY UNS No. C51xxx SERIES PER ASTM B-103,
NICKEL PLATED 100 µIN MIN. THK. (2.54 µM)
PER SAE-AMS-C-26074 OR ASTM B-733.
OR
COPPER ALLOY UNS No. C425xxSERIES PER ASTM B-591 OR
NICKEL PLATED 100 µIN MIN. THK. (2.54 µM)
PER SAE-AMS-C-26074 OR ASTM B-733.
O-RING,
SILICONE RUBBER PER GSA CID A-A-59588-2B
AND SAE-AMS-3304.

NOTES CONTINUED:

- ELECTRICAL CHARACTERISTICS:
IMPEDANCE
50.0 OHMS NOMINAL.
FREQUENCY
36.0 GHZ MAX.
INSERTION LOSS
0.50 DB MAX.
VSWR
1.25 : 1 MAX. TO 36.0 GHZ
1.20 : 1 MAX. TO 26.0 GHZ
1.15 : 1 MAX. TO 18.0 GHZ
- 3.5 MM INTERFACE IS COMPATIBLE WITH IEEE P287 SPECIFICATION.
- OPERATING TEMPERATURE RANGE
-55° C TO +95° C.
- MECHANICAL CHARACTERISTICS,
TOTAL MASS 6.5 g MAX.



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 THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.	
PREP.	ARNTZ	04/14/84		
ELEC.				
MECH.				
Q.C.				
TITLE				
ADAPTOR, 3.5mm JACK TO 3.5 mm JACK, BULKHEAD				
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.
		2:1	16301	29812
				REV
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R	ECN No. 15687	07/19/13	EF	
REV.	DESCRIPTION	DATE	BY	APPROVED