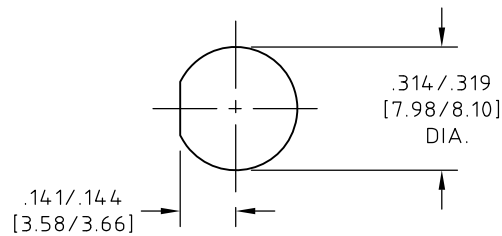


CONTROL DRAWING

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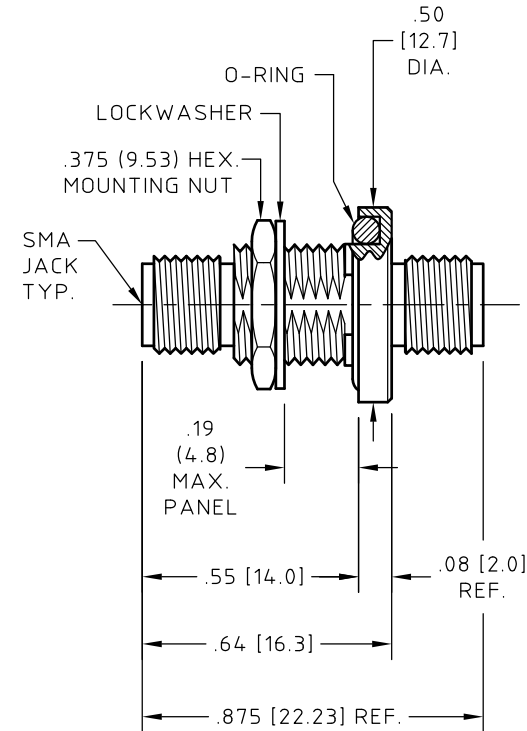
Q



PANEL CUT OUT
HUBER+SUHNER Astrolab
REFERENCE "PC4"
TORQUE MOUNTING NUT
TO 20±2 IN-LBS [2.96±.3 Nm]

NOTES:

- DESCRIPTION,
ADAPTOR, SMA JACK TO SMA 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,
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710,
OR ASTM D-4894, TYPE I, GRADE 1, CLASS A.
LOCKWASHER,
COPPER ALLOY UNS No. C425xxSERIES PER ASTM B-591 OR
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.
O-RING,
SILICONE RUBBER PER GSA CID A-A-59588-2B
AND SAE-AMS-3304.
- ELECTRICAL CHARACTERISTICS:
IMPEDANCE
50.0 Ohms NOMINAL.
FREQUENCY
18.0 GHz MAX.
INSERTION LOSS
0.25 dB MAX.
VSWR
1.15 : 1 MAX.
- 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	HUBER+SUHNER Astrolab THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.		
PREP.					
ELEC.					
MECH.					
Q.C.					
TITLE					
ADAPTOR, SMA JACK TO SMA 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.	REV
		2:1	16301	29085	Q

Q	ECN No. 15759	08/21/13	EF	
REV.	DESCRIPTION	DATE	BY	APPROVED