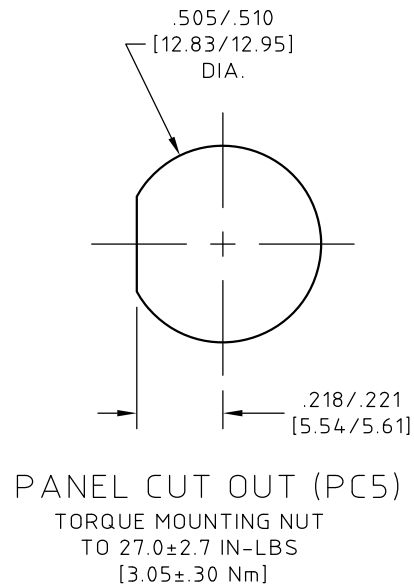


CONTROL DRAWING

29396G-1

G

RoHS 6 COMPLIANT



NOTES:

- DESCRIPTION,
ADAPTOR, HERMETIC, BULKHEAD, TNC JACK TO TNC JACK .
- 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 μ IN (1.27 μ M) MIN. THK.
PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
OVER
NICKEL PLATE, 50 μ IN (1.27 μ M) MIN. THK.
PER SAE-AMS-QQ-N-290, CLASS 1.
FEEDTHRU BODY AND PIN,
NICKEL-IRON ALLOY No. 52, PER ASTM F-30, UNS K95050
NICKEL PLATED, 100 μ IN MIN. THK. PER SAE-AMS-QQ-N-290,
OR ASTM B-689 CLASS 1.
DIELECTRIC,
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710,
OR ASTM D-4894, TYPE I, GRADE 1, CLASS A AND
CORNING No. 9013
LOCKWASHER,
COPPER ALLOY UNS No. C425xxSERIES PER ASTM B-591 OR
COPPER ALLOY UNS No. C51xxx SERIES PER ASTM B-103,
NICKEL PLATED 100 μ IN MIN. THK. (2.54 μ M)
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
10.0 GHz MAX.
INSERTION LOSS
0.60 dB MAX.
VSWR
1.35 : 1 MAX.

NOTES CONTINUED:

- INTERFACE MEETS MIL-STD-348.
- OPERATING TEMPERATURE RANGE
-55° C TO +125° C
- HERMETIC SEAL:
100% OF CONNECTORS ARE TESTED PER ASTROLAB PS11606 AND
QUALIFIED FOR LEAKAGE RATES LESS THAN 1×10^{-8} CCM/SEC
OF HELIUM UNDER PRESSURE DIFFERENTIAL OF 15.00 PSIG,
IAW ASTM E-498, AND MIL-STD-202 AND MIL-STD-883.

UNLESS OTHERWISE SPECIFIED
CONCENTRICITY .004 T.I.R.
CORNERS AND FILLETS .005
MAX. RADIUS OR CHAMFER.
SURFACE FINISH 63 RMS
MICROINCHES OR BETTER.

FRACTIONS	$\pm 1/16$
X	$\pm .030$
XX	$\pm .015$
XXX	$\pm .005$
ANGLES	$\pm 1^\circ$
DO NOT SCALE DRAWING	

NAME		DATE	<div>HUBER+SUHNER Astrolab</div> <div>THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.</div>		
PREP.	E. ROCKY	03/14/83			
ELEC.					
MECH.					
Q.C.					
TITLE			ADAPTOR, HERMETIC, BULKHEAD, TNC JACK TO TNC JACK		
THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.		SCALE 2:1	CODE IDENT. 16301	DWG NO. 29396G-1	REV G

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