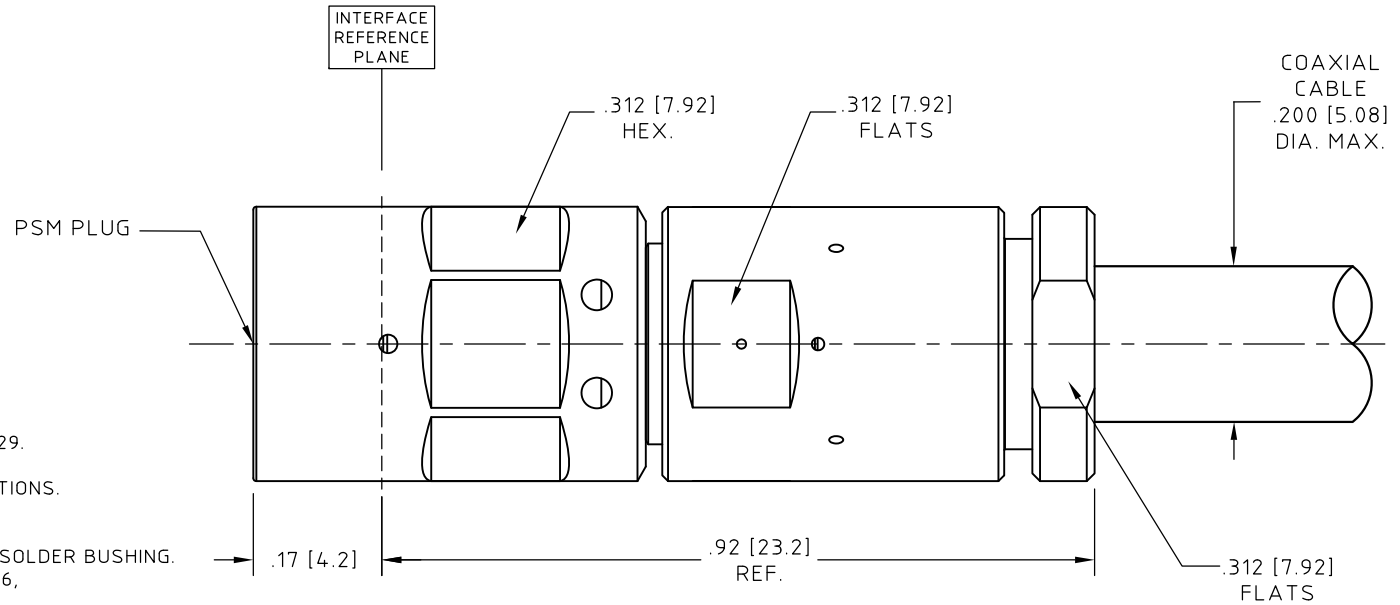


CONTROL DRAWING

11_PSM-50-4-1

D



NOTES:

1. DESCRIPTION,
CONNECTOR, PRECISION PSM PLUG,
FOR HUBER+SUHNER Astrolab SUCOFLEX 329.
CONNECTOR IS LOW OUTGASSING AND MEETS
NASA REQUIREMENTS FOR SPACE APPLICATIONS.
2. MATERIALS AND FINISHES,
PSM NUT, RETAINING NUT, BODY, CONTACT AND SOLDER BUSHING.
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER TD04(H).
GOLD PLATED 100 μIN (2.54 μM) MIN. THK.
PER ASTM B-488, CODE C, TYPE II
OVER
30 μIN (0.76 μM) MIN. COPPER FLASH.
SNAP RING,
BERYLLIUM COPPER, PER ASTM B-197,
UNS No. C17200 TEMPER TD04(H).
GOLD PLATED 50 μIN (1.27 μM) MIN. THK.
PER ASTM B-488, CODE C, TYPE II
OVER
30 μIN (0.76 μM) MIN. COPPER FLASH.
DIELECTRIC,
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710
OR ASTM D-4894, TYPE I, GRADE 1.
O-RING,
FLUOROSILICONE FILLED WITH SILVER PLATED
ALUMINUM PER MIL-G-83528 TYPE D.

3. ELECTRICAL CHARACTERISTICS:
IMPEDANCE
50.0 Ohms NOMINAL.

4. PSM JACK INTERFACE IAW HUBER+SUHNER A.G.
PUBLISHED INFORMATION.

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

NAME	DATE
PREP. LEF	10/06/16
ELEC. M.G.	10/20/16
MECH. GSG	10/19/16
Q.C.	

HUBER+SUHNER
Astrolab

THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF 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	

CONNECTOR, SPACE, PSM PLUG, SUCOFLEX 329		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. 11_PSM-50-4-1	REV D
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D	ECN No. 20324	06/19/18	KF	
REV.	DESCRIPTION	DATE	BY	APPROVED