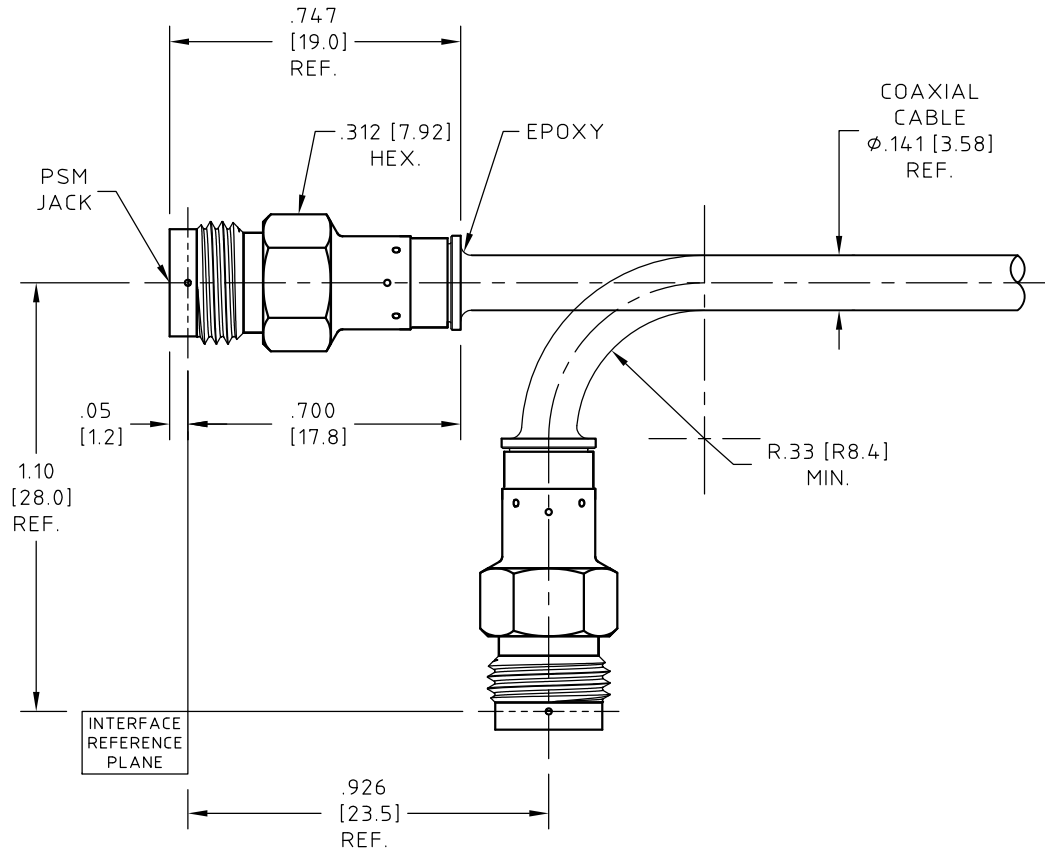


CONTROL DRAWING

21_PSM-50-3-3

E



NOTES:

1. DESCRIPTION,
CONNECTOR, HIGH PRECISION, HIGH POWER PSM JACK,
FOR HUBER+SUHNER Astrolab 32021E CABLE
(LOW LOSS / PHASE STABLE) astro-STEEL-flex II.
THIS CONNECTOR IS RUGGEDIZED AND IT IS SUITABLE FOR
COMPLEX, CONGESTED INSTALLATIONS.
CONNECTOR IS LOW OUTGASSING AND
MEETS NASA REQUIREMENTS FOR SPACE APPLICATIONS.
2. MATERIALS AND FINISHES,
BODY AND CONTACT,
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER TD04(H).
GOLD PLATED 100 µIN (2.54µM) MIN. THK.
PER ASTM B-488, CODE C, TYPE II,
OVER
30 µIN (0.76 µM) MIN. COPPER FLASH.
BACK NUT,
STEEL, CORROSION RESISTANT PER ASTM A-582,
UNS No. S30300, COND. A, NON MAGNETIC.
GOLD PLATED 50 µIN (1.27µM) MIN. THK.
PER ASTM B-488, CODE C, TYPE II
OVER
NICKEL PLATE PER AMS-2433, 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
18 GHz MAX.
4. PSM JACK INTERFACE IAW HUBER+SUHNER A.G.
PUBLISHED INFORMATION.
5. 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
PREP. LEF	03/30/17
ELEC. M.G.	04/10/17
MECH. GSG	04/13/17
Q.C.	

HUBER+SUHNER
Astrolab

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

TITLE
PSM JACK, FOR H+S Astrolab 32021E mini141 H CABLE

E	ECN No. 20324	06/19/18	KF							
REV.	DESCRIPTION	DATE	BY	APPROVED	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. 21_PSM-50-3-3	REV E