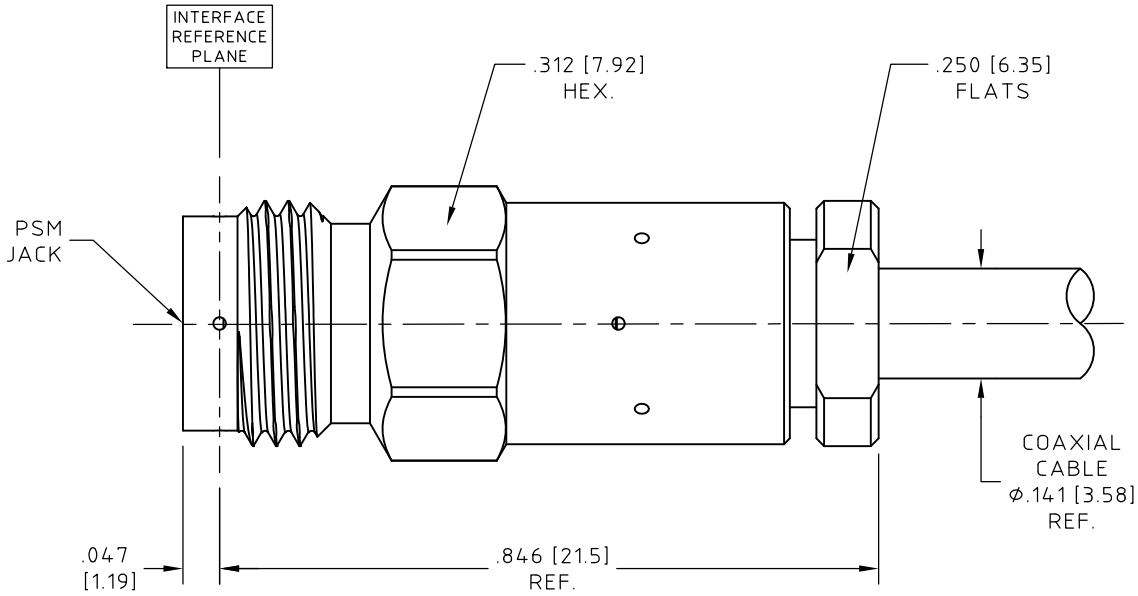
CONTROL DRAWING

21__PSM-50-3-2

B



NOTES:

1. DESCRIPTION,
   CONNECTOR, HIGH PRECISION, HIGH POWER, PSM JACK,
   FOR HUBER+SUHNER Astrolab SEMI-RIGID 30141
   (REF. MIL-DTL-17/130)
   RADIO FREQUENCY COAXIAL CABLE.
   CONNECTOR IS LOW OUTGASSING AND MEETS
   NASA REQUIREMENTS FOR SPACE APPLICATIONS.

2. MATERIALS AND FINISHES,
   BODY, RETAINING NUT, SOLDER BUSHING 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.
   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

	NAME	DATE
PREP.	AKP	05/24/17
ELEC.	RF	05/24/17
MECH.	GSG	05/24/17
Q.C.		

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	

TITLE

PSM JACK, FOR H+S Astrolab 30141 SEMIRIGID CABLE

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
4:1	16301	21__PSM-50-3-2	B

REV.	DESCRIPTION	DATE	BY	APPROVED
B	ECN No. 20308	06/15/18	KF	