CONTROL DRAWING

32__PSM-PC35-50-1

C

NOTES:

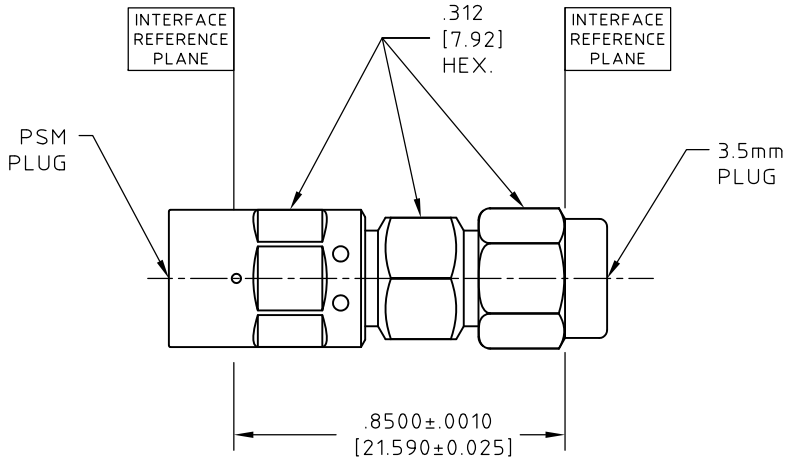
1. DESCRIPTION,
   ADAPTOR, PSM PLUG TO 3.5mm PLUG

2. MATERIALS AND FINISHES
   BODY AND 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
   30 µIN (0.76 µM) MIN. COPPER FLASH.
   NO NICKEL UNDERPLATE USED.
   NUT,
   STEEL, CORROSION RESISTANT PER ASTM A-582,
   UNS No. S30300, COND. A, NON MAGNETIC,
   GOLD PLATED 50 µIN (1.27 µM) MIN. THK.
   PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
   OVER
   30 µIN (0.76 µM) MIN. COPPER FLASH.
   NO NICKEL UNDERPLATE USED.
   DIELECTRIC
   POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710 OR
   ASTM D-4894, TYPE I, GRADE 1.
   RETAINING RING
   BERYLLIUM COPPER, PER ASTM B-197 OR B-441,
   UNS No. C17200 TEMPER TD04(H).

3. ELECTRICAL CHARACTERISTICS:
   IMPEDANCE
   50.0 Ohms NOMINAL.
   FREQUENCY
   18.0 GHz MAX.
   INSERTION LOSS
   0.30 dB MAX.
   VSWR
   1.35 : 1 MAX.

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

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



SAP ID	P/N
80351696	32__PSM-PC35-50-1/119__UE

REV.	DESCRIPTION	DATE	BY	APPROVED
C	ECN No. 20298	06/11/18	KF	

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.	SO	10/12/15
ELEC.		
MECH.	GSG	10/12/15
Q.C.		

HUBER+SUHNER Astrolab

TITLE

ADAPTOR, PSM PLUG TO 3.5mm PLUG

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	32__PSM-PC35-50-1	C