

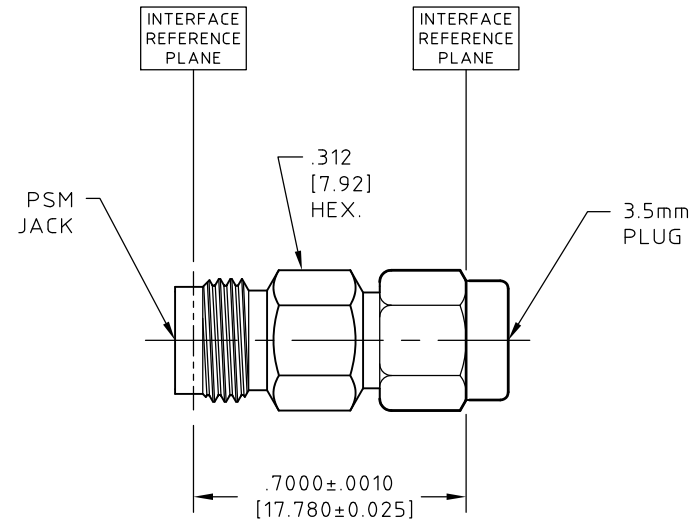
# CONTROL DRAWING

33\_PC35-PSM-50-1

C

**NOTES:**


1. DESCRIPTION,  
ADAPTOR, PSM JACK 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 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. GS	10/05/15
ELEC. RF	10/06/15
MECH. GSG	10/06/15
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	<b>ADAPTOR, PSM JACK TO 3.5mm PLUG</b>			
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. 33_PC35-PSM-50-1	REV C

C	ECN No. 20333	06/20/18	KF	
REV.	DESCRIPTION	DATE	BY	APPROVED