

# CONTROL DRAWING

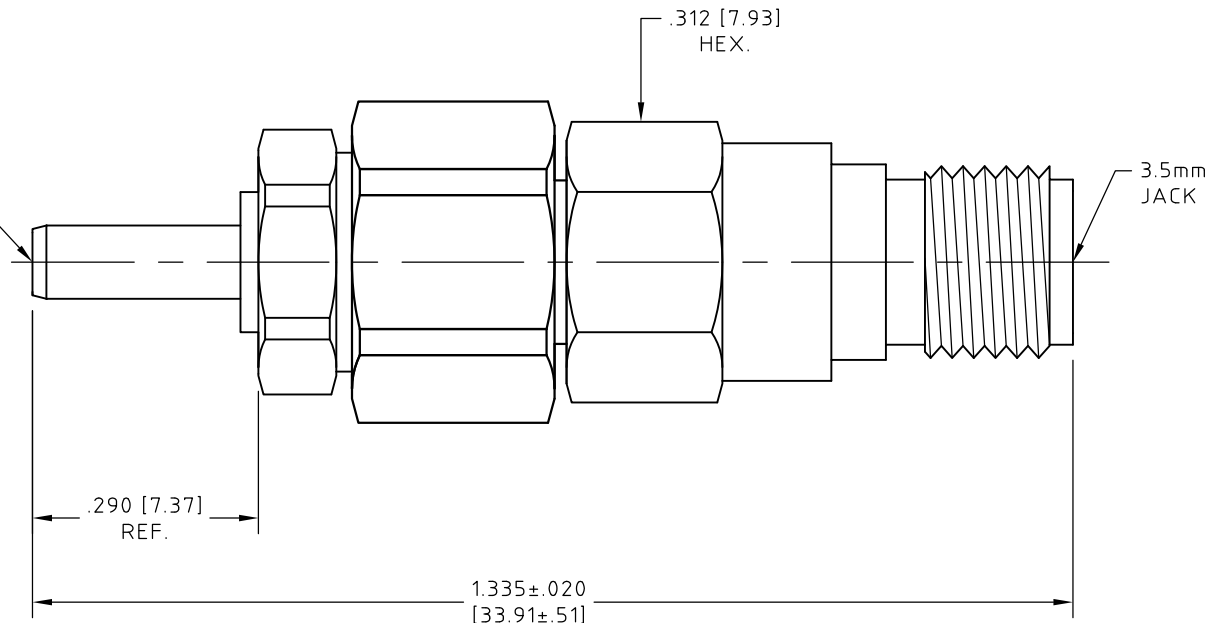
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**NOTES:**

1. DESCRIPTION:  
ADAPTOR, AS12 PIN TO 3.5mm JACK.
2. MATERIALS AND FINISHES:  
 3.5mm BODY,  
 STEEL, CORROSION RESISTANT PER ASTM A-582,  
 UNS No. S30300, COND. A, NON MAGNETIC,  
 PASSIVATED PER SAE-AMS-2700.  
 NO DICHROMATE SOLUTIONS USED.  
 AS12 BODY,  
 BRASS, FREE CUTTING, PER ASTM B-16 UNS No. C36000  
 GOLD PLATED .000050 IN (1.27 μM) MIN. THK.  
 PER ASTM B-488, CODE C, TYPE II, CLASS 1.27  
 OVER  
 NICKEL PLATE, .000050 IN (1.27 μM) MIN. THK.  
 PER SAE-AMS-QQ-N-290, TYPE 1.  
 CENTER CONDUCTOR,  
 BERYLLIUM COPPER ALLOY PER ASTM B-196,  
 UNS No. C17300, TEMPER TD04(H),  
 GOLD PLATED .000050 IN (1.27 μM) MIN. THK.  
 PER ASTM B-488, CODE C, TYPE II, CLASS 1.27  
 OVER  
 NICKEL PLATE, .000050 IN (1.27 μM) MIN. THK.  
 PER SAE-AMS-QQ-N-290, TYPE 1.  
 DIELECTRIC,  
 POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710,  
 OR ASTM D-4894, TYPE I, GRADE 1.  
 AND  
 POLYPHENYLENE OXIDE (PPO) BASE RESIN, (G.E. NORYL).
3. ELECTRICAL CHARACTERISTICS:  
 IMPEDANCE  
 50.0 Ohms NOMINAL.  
 FREQUENCY  
 12.4 GHz MAX.  
 VSWR  
 1.20 : 1 MAX.
4. 3.5 mm INTERFACE IS COMPATIBLE WITH IEEE P287 SPECIFICATION.
5. OPERATING TEMPERATURE RANGE:  
 -55° C TO +125° C

AS12 PIN  
(MODIFIED  
MIL-C-39029/102)



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. M. KEATING	05/20/88
ELEC.	
MECH.	
Q.C.	
TITLE	

HUBER+SUHNER

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ADAPTOR, AS12 PIN TO 3.5mm JACK				
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. 29932-1	REV E

E	COMPANY LOGO UPDATED	04/08/16	EF	
REV.	DESCRIPTION	DATE	BY	APPROVED