

CONTROL DRAWING

29932-2

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NOTES:

1. DESCRIPTION:
ADAPTOR, AS12 SOCKET 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 AND AS12 OUTER 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:

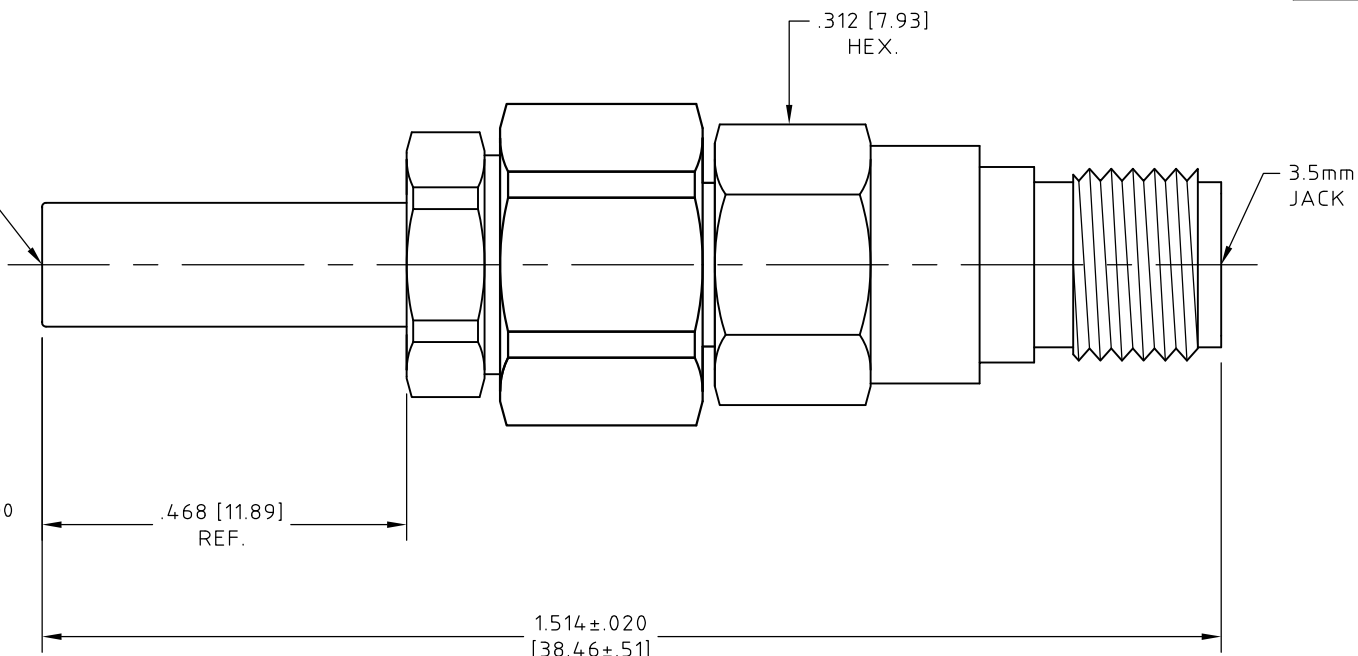
IMPEDANCE
50.0 Ohms NOMINAL.
FREQUENCY
12.4 GHz MAX.
VSWR
1.20 : 1 MAX.

4. 3.5 mm INTERFACE IS COMPATIBLE WITH IEEE P287 SPECIFICATION.

5. OPERATING TEMPERATURE RANGE:

-55° C TO +125° C

AS12 SOCKET
(MODIFIED
MIL-C-39029/103)



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

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.	

HUBER+SUHNER
Astrolab

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

TITLE ADAPTOR, AS12 SOCKET TO 3.5mm JACK			
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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. 29932-2	REV E
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