

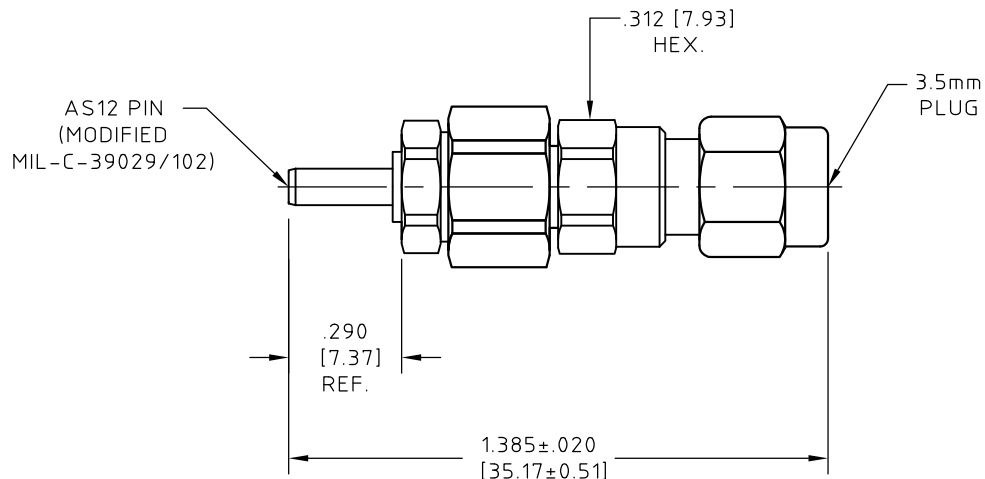
CONTROL DRAWING

29932-4

F

NOTES:

1. DESCRIPTION:
ADAPTOR, AS12 PIN TO 3.5mm PLUG.
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, 50 µIN (1.27 µM) MIN. THK.
 PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
 OVER
 NICKEL PLATE, 50 µIN (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, 50 µIN (1.27 µM) MIN. THK.
 PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
 OVER
 NICKEL PLATE, 50 µIN (1.27 µM) MIN. THK.
 PER SAE-AMS-QQ-N-290, CLASS 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).
 RETAINING RING,
 BERYLLIUM COPPER, PER ASTM B-197
 UNS No. C17200 TEMPER TD04(H)
 GASKET,
 SILICONE RUBBER PER GSA CID A-A-59588-2B
 AND SAE-AMS-3304.
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



RoHS 6 COMPLIANT

	NAME	DATE	<p style="font-size: small;">THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.</p>
PREP.	M. KEATING	05/20/88	
ELEC.			
MECH.			
Q.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	

TITLE			
ADAPTOR, AS12 PIN 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.
	2:1	16301	29932-4
REV.	DESCRIPTION	DATE	BY
F	UPDATED NOTES; ADDED RoHS 6 COMPL.	08/17/16	EB

REV.	DESCRIPTION	DATE	BY	APPROVED
F	UPDATED NOTES; ADDED RoHS 6 COMPL.	08/17/16	EB	