

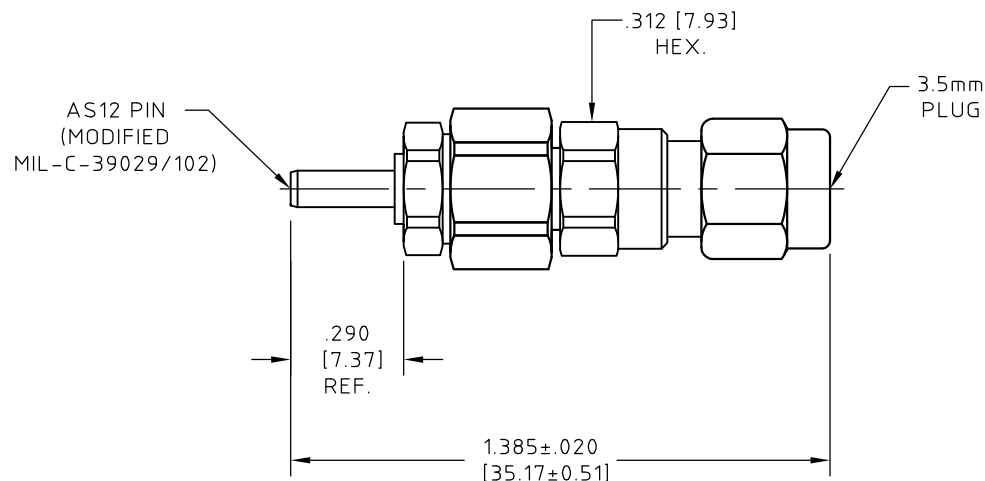
CONTROL DRAWING

29932-4


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NOTES:

- DESCRIPTION:
ADAPTOR, AS12 PIN TO 3.5mm PLUG.
- 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 μ IN (1.27 μ M) MIN. THK.
PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
OVER
NICKEL PLATE, 50 μ IN (1.27 μ M) 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 μ IN (1.27 μ M) MIN. THK.
PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
OVER
NICKEL PLATE, 50 μ IN (1.27 μ M) 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.
- ELECTRICAL CHARACTERISTICS:
IMPEDANCE
50.0 Ohms NOMINAL.
FREQUENCY
12.4 GHz MAX.
VSWR
1.20 : 1 MAX.
- 3.5 mm INTERFACE IS COMPATIBLE WITH IEEE P287 SPECIFICATION.
- OPERATING TEMPERATURE RANGE:
-55° C TO +125° C



RoHS 6 COMPLIANT

NAME		DATE			
PREP.	M. KEATING	05/20/88			
ELEC.					
MECH.					
Q.C.					
TITLE				THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.	
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.	REV
		2:1	16301	29932-4	F

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