

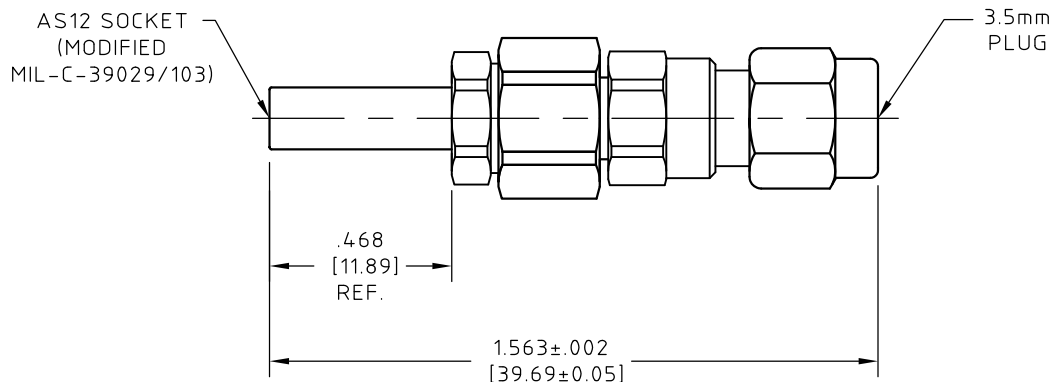
# CONTROL DRAWING

29932-3

E

**NOTES:**

1. DESCRIPTION:  
ADAPTOR, AS12 SOCKET 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	05/21/88	
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 SOCKET 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	29932-3	E

E	UPDATED COMPANY LOGO & NOTES; ADDED RoHS 6 COMPL.	08/17/16	EB	
REV.	DESCRIPTION	DATE	BY	APPROVED