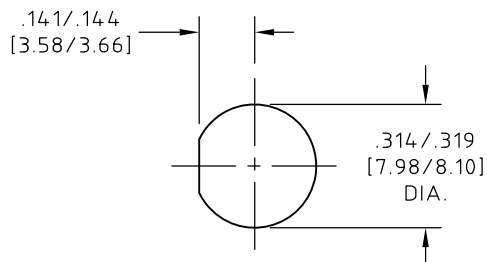


# CONTROL DRAWING

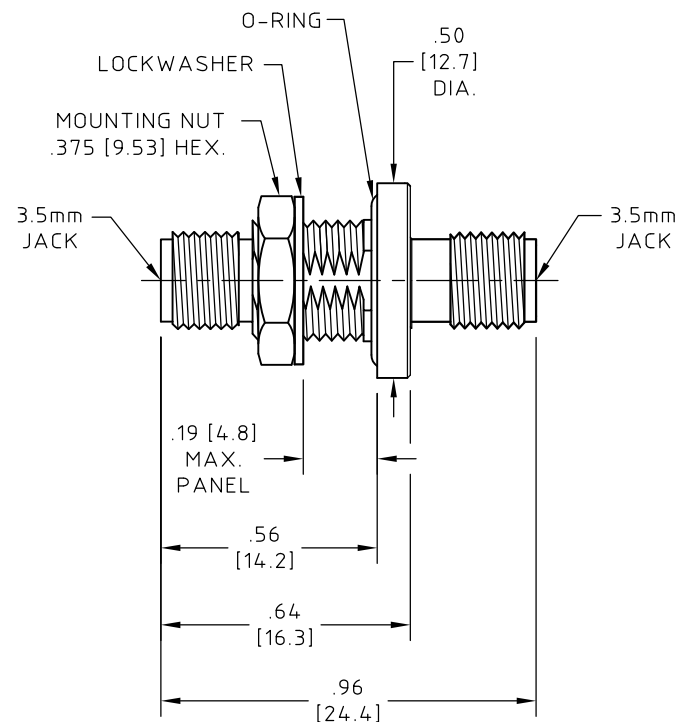
29812

R



## PANEL CUT OUT (PC4)

TORQUE MOUNTING NUT  
TO 20.0±2.0 IN-LBS  
[2.26±.23Nm]



### NOTES:

- DESCRIPTION,  
ADAPTOR, 3.5mm JACK TO 3.5 mm JACK, BULKHEAD.
- MATERIALS AND FINISHES,  
BODY AND MOUNTING NUT,  
STEEL, CORROSION RESISTANT PER ASTM A-582,  
UNS No. S30300, COND. A, NON MAGNETIC,  
PASSIVATED PER SAE-AMS-2700.  
NO DICHROMATE SOLUTIONS USED.  
CENTER 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,  
POLYPHENYLENE OXIDE (PPO) BASE RESIN, (G.E. NORYL).  
LOCKWASHER,  
COPPER ALLOY UNS No. C51xxx SERIES PER ASTM B-103,  
NICKEL PLATED 100 µIN MIN. THK. (2.54 µM)  
PER SAE-AMS-C-26074 OR ASTM B-733.  
OR  
COPPER ALLOY UNS No. C425xxSERIES PER ASTM B-591 OR  
NICKEL PLATED 100 µIN MIN. THK. (2.54 µM)  
PER SAE-AMS-C-26074 OR ASTM B-733.  
O-RING,  
SILICONE RUBBER PER GSA CID A-A-59588-2B  
AND SAE-AMS-3304.

### NOTES CONTINUED:

- ELECTRICAL CHARACTERISTICS:  
IMPEDANCE  
50.0 OHMS NOMINAL.  
FREQUENCY  
36.0 GHZ MAX.  
INSERTION LOSS  
0.50 DB MAX.  
VSWR  
1.25 : 1 MAX. TO 36.0 GHZ  
1.20 : 1 MAX. TO 26.0 GHZ  
1.15 : 1 MAX. TO 18.0 GHZ
- 3.5 MM INTERFACE IS COMPATIBLE WITH IEEE P287 SPECIFICATION.
- OPERATING TEMPERATURE RANGE  
-55° C TO +95° C.
- MECHANICAL CHARACTERISTICS,  
TOTAL MASS 6.5 g MAX.

NAME	DATE
PREP. ARNTZ	04/14/84
ELEC.	
MECH.	
Q.C.	



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

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	SCALE	CODE IDENT.	DWG NO.	REV
ADAPTOR, 3.5mm JACK TO 3.5 mm JACK, BULKHEAD	2:1	16301	29812	R

REV.	DESCRIPTION	DATE	BY	APPROVED
R	ECN No. 15687	07/19/13	EF	

THDS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPL. TO HANDBOOK H 28.