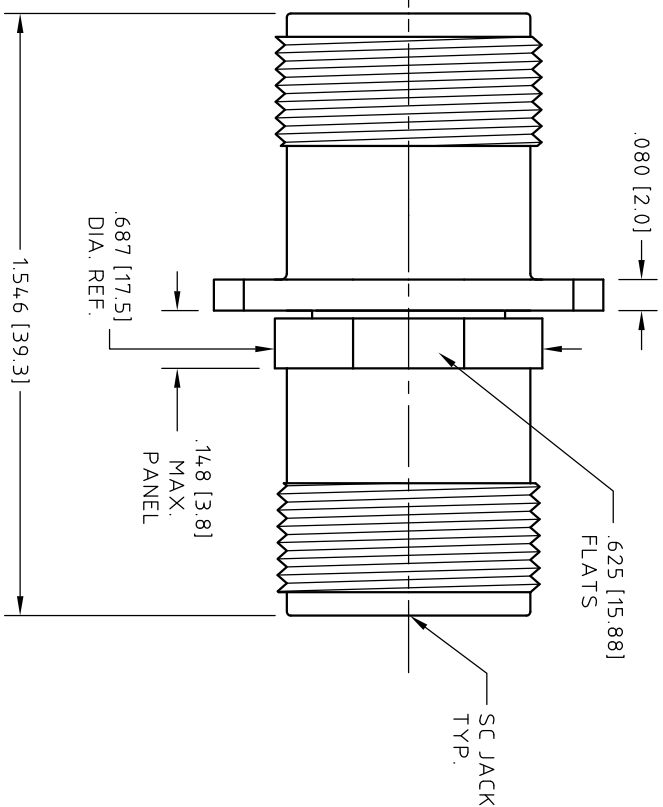
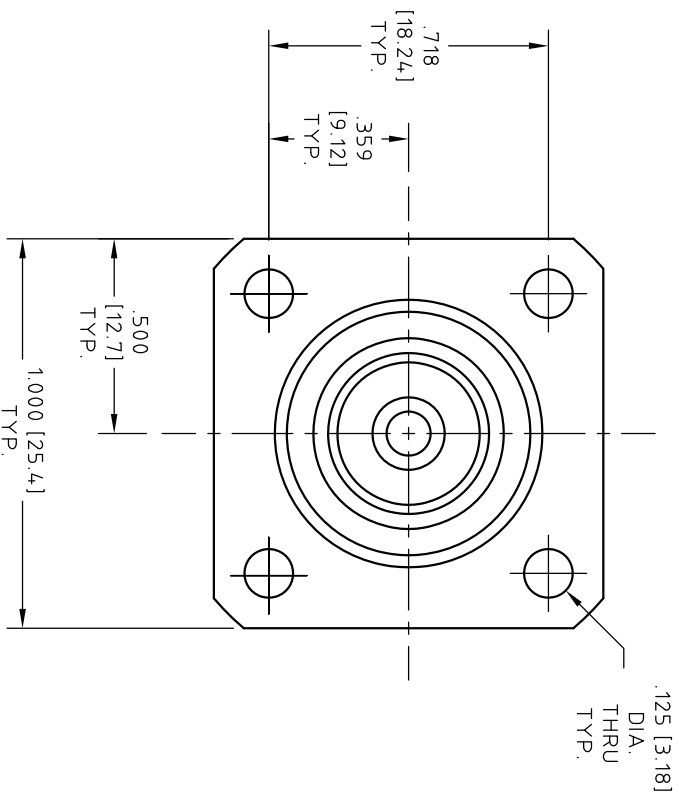


# CONTROL DRAWING

29398-3F

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**NOTES:**

1. DESCRIPTION  
ADAPTOR, SC JACK TO SC JACK, FLANGED.

2. MATERIALS AND FINISHES

BODY AND 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,  
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710,  
OR ASTM D-4894, TYPE I, GRADE 1, CLASS A.

**NOTES CONTINUED:**

3. ELECTRICAL CHARACTERISTICS:

IMPEDANCE  
50.0 Ohms NOMINAL.  
FREQUENCY  
11.0 GHz MAX.  
INSERTION LOSS  
0.30 DB MAX.  
VSWR  
1.25 : 1 MAX.

4. INTERFACE MEETS MIL-STD-348.

5. OPERATING TEMPERATURE RANGE  
-55° C TO +125° C

ROHS 6 COMPLIANT

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°

TITLES TO BE IN ACCORD WITH U.S. DEPT. OF COMMERCE, FEDERAL SERVICE 1950 SUPPL. TO HANDBOOK H 28.

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



F	ECN No. 15315	02/05/13	EF	APPROVED	SCALE	CODE IDENT.	DWG NO.	REV
REV.	DESCRIPTION	DATE	BY	APPROVED	2:1	16301	29398-3F	F

ADAPTOR, SC JACK TO SC JACK, FLANGED