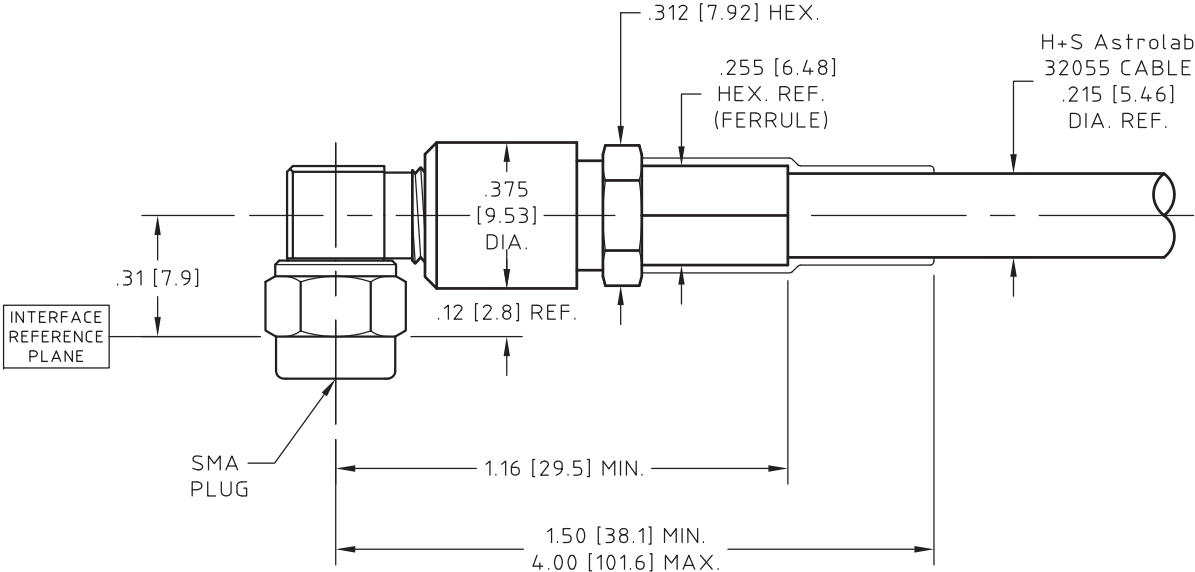


NOTES:

1. DESCRIPTION.
SMA PLUG CONNECTOR, 90 DEGREE FOR H+S Astrolab 32055
CABLE, (astro - boa - flex I SERIES).
CABLE ATTACHMENT METHOD,
OUTER CONDUCTOR, SOLDER AND CRIMP.
CENTER CONDUCTOR, SOLDER.
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.
OR
NICKEL PLATED .000100 IN (2.54 µM) MIN. THK.
PER SAE-AMS-C-26074 OR ASTM B-733.
CENTER CONDUCTOR,
BERYLLIUM COPPER ALLOY PER ASTM B-196,
UNS No. C17300, TEMPER TD04(H),
GOLD PLATED .000050 IN (1.27 µM) MIN. THK.
PER ASTM B-488, CODE C, TYPE II, CLASS 1.27
OVER
NICKEL PLATE, .000050 IN (1.27 µM) MIN. THK.
PER SAE-AMS-QQ-N-290, TYPE 1.
DIELECTRIC,
POLYTETRAFLUOROETHYLENE (PTFE) PER ASTM D-1710,
OR ASTM D-4894, TYPE I, GRADE 1.
RETAINING RING,
BERYLLIUM COPPER, PER ASTM B-197 OR B-441,
UNS No. C17200 TEMPER TD04(H).
GASKET,
SILICONE RUBBER PER GSA CID A-A-59588-2B
AND SAE-AMS-3304.
FERRULE,
BRASS TUBING PER ASTM B-135, UNS No. C27000.
STRAIN RELIEF,
HEAT SHRINKABLE SLEEVING PER SAE-AMS-DTL-23053.

3. ELECTRICAL CHARACTERISTICS:
IMPEDANCE
50.0 Ohms NOMINAL.
4. INTERFACE MEETS MIL-STD-348.
5. OPERATING TEMPERATURE RANGE
-55° C TO +125° 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	

NAME		DATE		 THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHRNER ASTROLAB.	
PREP.	M. KEATING	11/21/90			
ELEC.					
MECH.					
Q.C.					
TITLE					
CONNECTOR, SMA PLUG, RIGHT ANGLE					
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
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