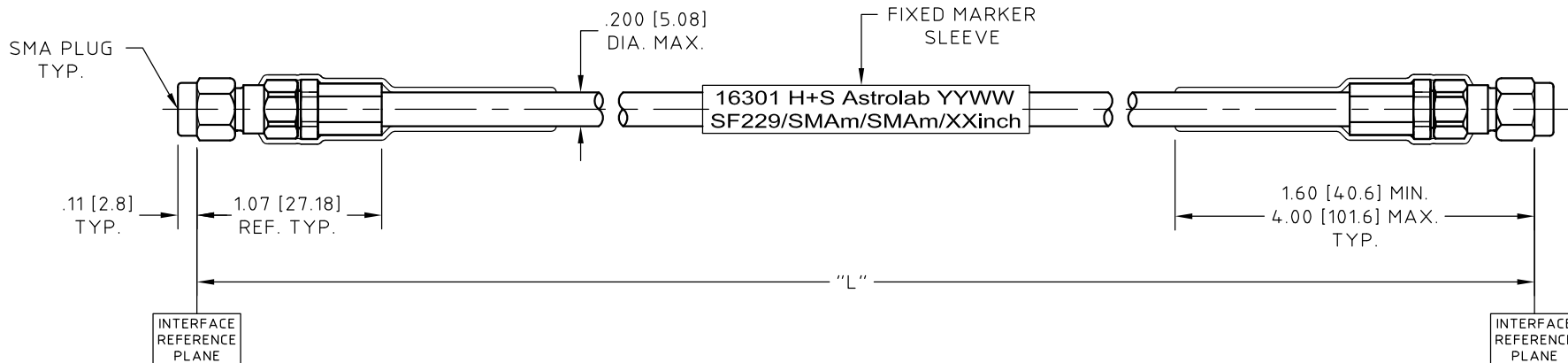


CONTROL DRAWING

SF229/SMAm/SMAm/XXinch

H



NOTES:

1. DESCRIPTION,
CABLE ASSEMBLY, 100% ROHS 6 COMPLIANT,
SMA PLUG TO SMA PLUG.
2. CABLE,
COAXIAL CABLE, HUBER+SUHNER Astrolab P/N SF229
MEETS OR EXCEEDS MIL-DTL-17.
SEE HUBER+SUHNER Astrolab CONTROL DRAWING
FOR MATERIALS AND FINISHES.
3. CONNECTOR -A-, SMA PLUG:
HUBER+SUHNER Astrolab P/N 29094HT-SF229
IAW MIL-STD-348.
SEE HUBER+SUHNER Astrolab CONTROL DRAWING
FOR MATERIALS AND FINISHES.
4. CONNECTOR -B-, SMA PLUG:
SAME AS CONNECTOR -A-.
5. MARKING:
MATERIAL, HEAT SHRINKABLE SLEEVING PER
SAE-AMS-DTL-23053.
MARKING, .060 [1.52] MIN. TALL CHARACTERS IN
CONTRASTING COLOR AND IAW MIL-STD-130,
DATE CODE PER MIL-STD-1285
MARKING PERMANENCE IAW SAE-AMS-81531.

HUBER+SUHNER Astrolab PART NUMBER	DIMENSION "L" IN [mm]	6.0 GHz		18.0 GHz		26.5 GHz	
		VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB
SF229/SMAm/SMAm/36inch	36.00±.18 [914.4±4.6]	1.22:1	0.74	1.25:1	1.37	1.30:1	1.71
SF229/SMAm/SMAm/48inch	48.00±.18 [1219.2±4.6]	1.22:1	0.93	1.25:1	1.72	1.30:1	2.14
SF229/SMAm/SMAm/72inch	72.00±.25 [1828.8±6.4]	1.22:1	1.31	1.25:1	2.42	1.30:1	2.96

RoHS 6 COMPLIANT

6. ELECTRICAL CHARACTERISTICS:
IMPEDANCE,
50.0 Ohms NOMINAL.
FREQUENCY, INSERTION LOSS
AND VSWR, SEE CHART.

7. MECHANICAL:
OPERATING TEMPERATURE RANGE,
-55° C TO +125° C.

NAME	DATE	<p style="font-size: small; margin-top: 5px;">THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.</p>
PREP. GSG	04/04/12	
ELEC. RF	04/04/12	
MECH. AW	04/04/12	
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		CABLE ASSEMBLY			
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.		
	1:1	16301	SF229/SMAm/SMAm/XXinch		

H	ECN No. 17149	06/03/15	GS		
REV.	DESCRIPTION	DATE	BY	APPROVED	