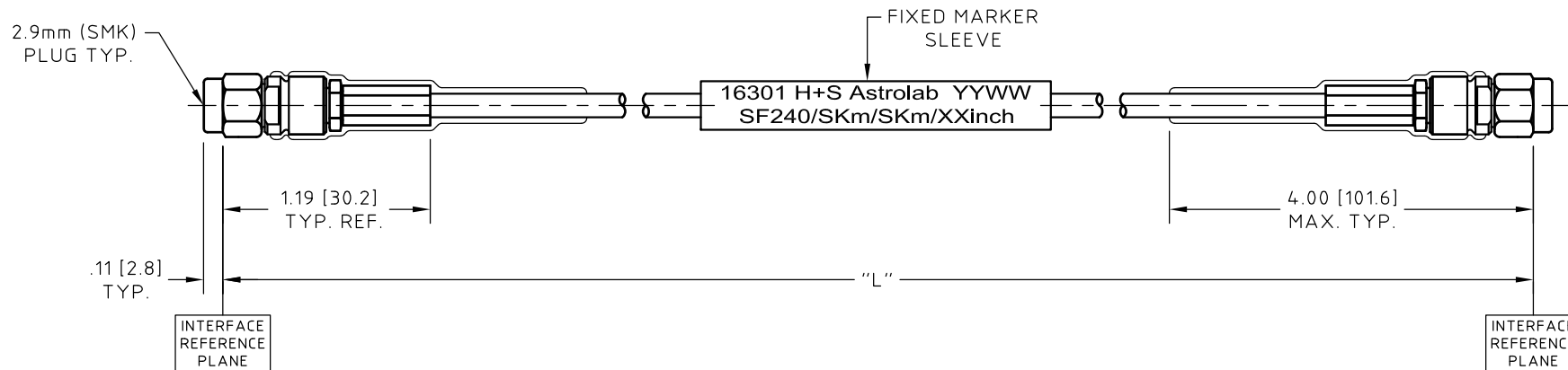


CONTROL DRAWING

SF240/SK_m/SK_m/XXinch

A



NOTES:

1. DESCRIPTION,
CABLE ASSEMBLY, 100% ROHS 6 COMPLIANT,
2.9mm (SMK) PLUG TO 2.9mm (SMK) PLUG.
2. CABLE,
COAXIAL CABLE HUBER+SUHNER Astrolab P/N SUCOFLEX 240
MEETS OR EXCEEDS MIL-DTL-17.
SEE HUBER+SUHNER Astrolab CONTROL DRAWING
FOR MATERIALS AND FINISHES.
3. CONNECTOR -A-, 2.9mm (SMK) PLUG:
HUBER+SUHNER Astrolab P/N 29094K-SF240
INTERFACE DIMENSIONS IAW MIL-STD-348.
SEE HUBER+SUHNER Astrolab CONTROL DRAWING
FOR MATERIALS AND FINISHES.
4. CONNECTOR -B-: 2.9mm (SMK) 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,
MARKING PERMANENCE IAW SAE-AMS-81531.
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.

HUBER+SUHNER Astrolab PART NUMBER	DIMENSION "L" IN [mm]	6.0 GHz		18.0 GHz		40.0 GHz	
		VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB
SF240/SK _m /SK _m /36inch	36.00±.18 [914.4±4.6]	1.22:1	1.05	1.25:1	1.92	1.30:1	3.00
SF240/SK _m /SK _m /48inch	48.00±.18 [1219.2±4.6]	1.22:1	1.36	1.25:1	2.47	1.30:1	3.82
SF240/SK _m /SK _m /72inch	72.00±.25 [1828.8±6.4]	1.22:1	1.97	1.25:1	3.56	1.30:1	5.48

RoHS 6 COMPLIANT

NAME	DATE	<p>HUBER+SUHNER Astrolab</p> <p>THIS DRAWING CONTAINS PATENTABLE AND PROPRIETARY INFORMATION. THE DESIGN CANNOT BE USED WITHOUT WRITTEN PERMISSION OF HUBER + SUHNER ASTROLAB.</p>
PREP. EB	06/05/15	
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	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 1:1	CODE IDENT. 16301	DWG NO. SF240/SK _m /SK _m /XXinch

A	ECN No. 17157	06/05/15	EB	
REV.	DESCRIPTION	DATE	BY	APPROVED