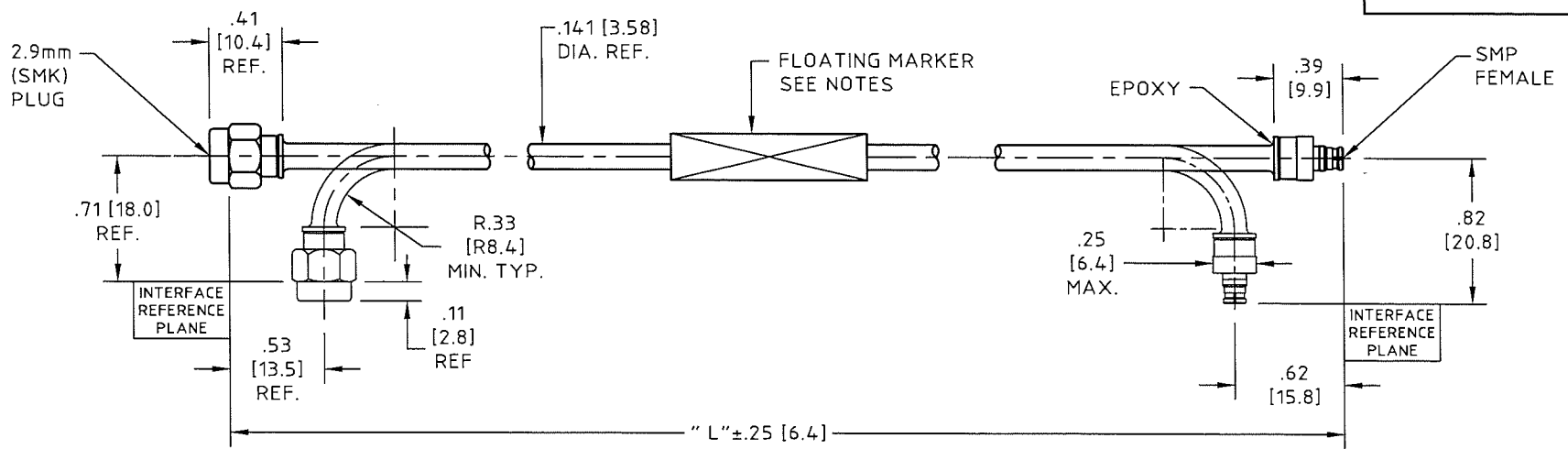


CONTROL DRAWING

mini141 KSR-XX

B



H+S Astrolab PART NUMBER	DIMENSION "L" IN	2.0 GHz		18.0 GHz		26.5 GHz		40.0 GHz	
		VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB	VSWR	I.L. dB
mini141 KSR-2.5	2.50 (63.5)	1.25:1	0.18	1.40:1	0.48	1.50:1	0.64	1.55:1	0.83
mini141 KSR-3	3.00 (76.2)	1.25:1	0.18	1.40:1	0.51	1.50:1	0.67	1.55:1	0.87
mini141 KSR-3.5	3.50 (88.9)	1.25:1	0.19	1.40:1	0.53	1.50:1	0.70	1.55:1	0.90
mini141 KSR-4	4.00 (101.6)	1.25:1	0.20	1.40:1	0.55	1.50:1	0.72	1.55:1	0.94
mini141 KSR-4.5	4.50 (114.3)	1.25:1	0.21	1.40:1	0.57	1.50:1	0.75	1.55:1	0.97
mini141 KSR-5	5.00 (127.0)	1.25:1	0.21	1.40:1	0.60	1.50:1	0.78	1.55:1	1.01
mini141 KSR-5.5	5.50 (139.7)	1.25:1	0.22	1.40:1	0.62	1.50:1	0.81	1.55:1	1.04
mini141 KSR-6	6.00 (152.4)	1.25:1	0.23	1.40:1	0.64	1.50:1	0.84	1.55:1	1.08
mini141 KSR-6.5	6.50 (165.1)	1.25:1	0.23	1.40:1	0.67	1.50:1	0.86	1.55:1	1.11
mini141 KSR-7	7.00 (177.8)	1.25:1	0.24	1.40:1	0.69	1.50:1	0.89	1.55:1	1.15
mini141 KSR-8	8.00 (203.2)	1.25:1	0.26	1.40:1	0.73	1.50:1	0.95	1.55:1	1.22
mini141 KSR-9	9.00 (228.6)	1.25:1	0.27	1.40:1	0.78	1.50:1	1.00	1.55:1	1.29
mini141 KSR-10	10.00 (254.0)	1.25:1	0.29	1.40:1	0.82	1.50:1	1.06	1.55:1	1.36
mini141 KSR-11	11.00 (279.4)	1.25:1	0.30	1.40:1	0.87	1.50:1	1.11	1.55:1	1.42
mini141 KSR-12	12.00 (304.8)	1.25:1	0.31	1.40:1	0.92	1.50:1	1.17	1.55:1	1.49
mini141 KSR-13	13.00 (330.2)	1.25:1	0.33	1.40:1	0.96	1.50:1	1.23	1.55:1	1.56
mini141 KSR-14	14.00 (355.6)	1.25:1	0.34	1.40:1	1.01	1.50:1	1.28	1.55:1	1.63
mini141 KSR-15	15.00 (381.0)	1.25:1	0.36	1.40:1	1.05	1.50:1	1.34	1.55:1	1.70
mini141 KSR-16	16.00 (406.4)	1.25:1	0.37	1.40:1	1.10	1.50:1	1.39	1.55:1	1.77
mini141 KSR-									

NOTES:

1. DESCRIPTION,
CABLE ASSEMBLY, 2.9mm (SMK) PLUG TO SMP FEMALE.
2. CABLE,
COAXIAL CABLE H+S Astrolab P/N 32022E
MEETS OR EXCEEDS MIL-DTL-17
SEE H+S Astrolab CONTROL DRAWING
FOR MATERIALS AND FINISHES.
3. CONNECTOR -A-, 2.9mm (SMK) PLUG:
H+S Astrolab P/N 29094KCR-32-22
IAW MIL-STD-348.
SEE H+S Astrolab CONTROL DRAWING
FOR MATERIALS AND FINISHES.
4. CONNECTOR -B-, SMP FEMALE:
H+S Astrolab P/N 29473CR-32-22
IAW MIL-STD-348.
SEE H+S Astrolab CONTROL DRAWING
FOR MATERIALS AND FINISHES.

NOTES CONTINUED:

5. MARKING:
FLOATING, WHITE SLEEVING CAPTIVATED
ON THE CABLE ASSEMBLY.
MARKING WILL INCLUDE THE H+S Astrolab
PART NUMBER, CAGE CODE
AND DATE CODE OF DATE OF
MANUFACTURE.
OTHER MARKING AS DEFINED BY CUSTOMER.
NO MARKING ON CABLE ASSEMBLIES SHORTER
THAN 4.0", MARKING ON PACKING ONLY.
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.
CABLE ASSEMBLY LENGTH
"L" MEASURED IAW
MIL-PRF-55427.

ROHS 5/6 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°
DO NOT SCALE DRAWING	

	NAME	DATE
PREP.	KC	09/15/11
ELEC.	RF	09/15/11
MECH.	GSG	09/15/11
Q.C.		

HUBER+SUHNER

Astrolab

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TITLE CABLE ASSY, 2.9mm (SMK) PLUG TO SMP FEMALE, mini141 TYPE.		SCALE 1:1	CODE IDENT. 16301	DWG NO. mini141 KSR-XX	REV B
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B	COMPANY LOGO UPDATE	01/15/13	ENG/EB				
REV.	DESCRIPTION	DATE	BY	APPROVED			