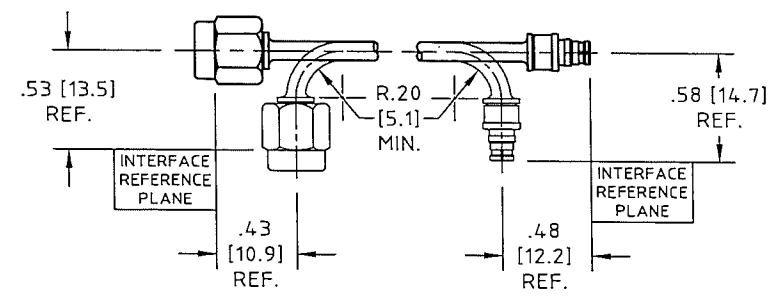


ASSEMBLY No.	REF. NO.	DIM. "L"	2.0 GHz		18.0 GHz		40.0 GHz	
			VSWR	LOSS, dB	VSWR	LOSS, dB	VSWR	LOSS, dB
minibend KSR-2.5	32081E-29094KCR-29473CR-2.5	2.50 (63.5)	1.25:1	0.22	1.45:1	0.66	1.50:1	1.09
minibend KSR-3	32081E-29094KCR-29473CR-3	3.00 (76.2)	1.25:1	0.23	1.45:1	0.71	1.50:1	1.16
minibend KSR-3.5	32081E-29094KCR-29473CR-3.5	3.50 (88.9)	1.25:1	0.25	1.45:1	0.75	1.50:1	1.24
minibend KSR-4	32081E-29094KCR-29473CR-4	4.00 (101.6)	1.25:1	0.26	1.45:1	0.80	1.50:1	1.32
minibend KSR-4.5	32081E-29094KCR-29473CR-4.5	4.50 (114.3)	1.25:1	0.28	1.45:1	0.85	1.50:1	1.39
minibend KSR-5	32081E-29094KCR-29473CR-5	5.00 (127.0)	1.25:1	0.29	1.45:1	0.90	1.50:1	1.47
minibend KSR-5.5	32081E-29094KCR-29473CR-5.5	5.50 (139.7)	1.25:1	0.31	1.45:1	0.95	1.50:1	1.55
minibend KSR-6	32081E-29094KCR-29473CR-6	6.00 (152.4)	1.25:1	0.33	1.45:1	1.00	1.50:1	1.63
minibend KSR-6.5	32081E-29094KCR-29473CR-6.5	6.50 (165.1)	1.25:1	0.34	1.45:1	1.05	1.50:1	1.70
minibend KSR-7	32081E-29094KCR-29473CR-7	7.00 (177.8)	1.25:1	0.36	1.45:1	1.10	1.50:1	1.78
minibend KSR-8	32081E-29094KCR-29473CR-8	8.00 (203.2)	1.25:1	0.39	1.45:1	1.20	1.50:1	1.93
minibend KSR-9	32081E-29094KCR-29473CR-9	9.00 (228.6)	1.25:1	0.42	1.45:1	1.30	1.50:1	2.09
minibend KSR-10	32081E-29094KCR-29473CR-10	10.00 (254.0)	1.25:1	0.45	1.45:1	1.39	1.50:1	2.24
minibend KSR-11	32081E-29094KCR-29473CR-11	11.00 (279.4)	1.25:1	0.48	1.45:1	1.49	1.50:1	2.40
minibend KSR-12	32081E-29094KCR-29473CR-12	12.00 (304.8)	1.25:1	0.51	1.45:1	1.59	1.50:1	2.55
minibend KSR-13	32081E-29094KCR-29473CR-13	13.00 (330.2)	1.25:1	0.54	1.45:1	1.69	1.50:1	2.70
minibend KSR-14	32081E-29094KCR-29473CR-14	14.00 (355.6)	1.25:1	0.57	1.45:1	1.79	1.50:1	2.86
minibend KSR-15	32081E-29094KCR-29473CR-15	15.00 (381.0)	1.25:1	0.60	1.45:1	1.89	1.50:1	3.01
minibend KSR-16	32081E-29094KCR-29473CR-16	16.00 (406.4)	1.25:1	0.63	1.45:1	1.98	1.50:1	3.17
minibend KSR-17	32081E-29094KCR-29473CR-17	17.00 (431.8)	1.25:1	0.66	1.45:1	2.08	1.50:1	3.32
minibend KSR-18	32081E-29094KCR-29473CR-18	18.00 (457.2)	1.25:1	0.70	1.45:1	2.18	1.50:1	3.48
minibend KSR-	32081E-29094KCR-29473CR-							

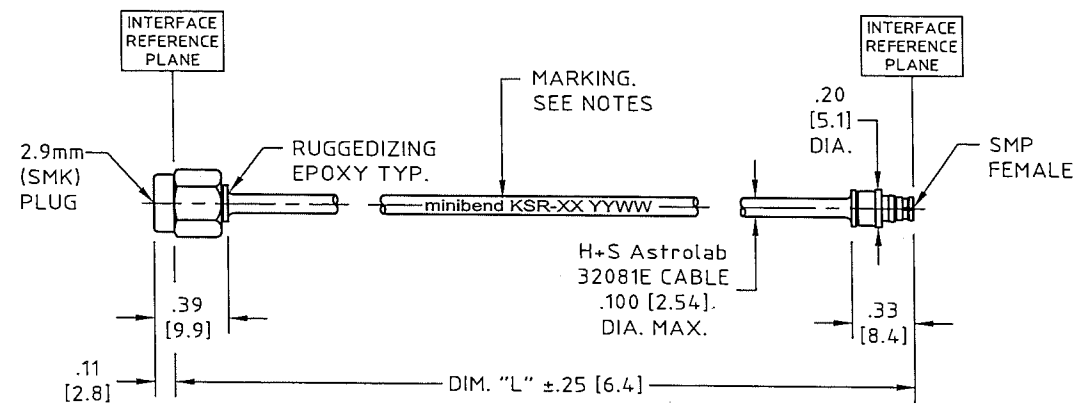
CONTROL DRAWING minibend KSR-XX

ALL minibend CABLE ASSEMBLIES ARE 99.9% LEAD FREE BY WEIGHT.



SHOWN ABOVE IS TYPICAL INSTALLATION.

- NOTES:
- DESCRIPTION:
CABLE ASSEMBLY, 2.9mm PLUG TO SMP FEMALE, RUGGEDIZED.
 - CABLE:
COAXIAL CABLE H+S Astrolab P/N 32081E MEETS OR EXCEEDS MIL-DTL-17 SEE H+S Astrolab CONTROL DRAWING FOR MATERIALS AND FINISHES.
 - CONNECTOR -A-, 2.9mm PLUG:
H+S Astrolab P/N 29094KCR-32-81 IAW MIL-STD-348. SEE H+S Astrolab CONTROL DRAWING FOR MATERIALS AND FINISHES.
 - CONNECTOR -B-, SMP FEMALE:
H+S Astrolab P/N 29473CR-32-81-1 IAW MIL-STD-348. SEE H+S Astrolab CONTROL DRAWING FOR MATERIALS AND FINISHES.
 - MARKING:
STAMPED DIRECTLY ON THE CABLE AND AS SHOWN IN GRAPHIC, H+S Astrolab PART NUMBER AND DATE CODE. DATE CODE PER MIL-STD-1285. NO MARKING ON CABLE ASSEMBLIES SHORTER THAN 3.00 INCHES. MARKING WILL BE DONE ON PACKING ONLY.
 - ELECTRICAL CHARACTERISTICS:
IMPEDANCE, 50.0 Ohms NOMINAL. FREQUENCY, INSERTION LOSS AND VSWR SEE CHART.
 - MECHANICAL:
OPERATING TEMPERATURE RANGE, -55° C TO +125° C. CABLE ASSEMBLY LENGTH "L" MEASURED IAW MIL-PRF-55427.



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.	EF	01/05/07
ELEC.	RF	01/11/07
MECH.	GSG	01/11/07
Q.C.		

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

TITLE: CABLE ASSEMBLY, 2.9mm (SMK) PLUG TO SMP FEMALE, RUGGEDIZED

C	COMPANY LOGO UPDATE	01/15/13	ERG 2	
REV.	DESCRIPTION	DATE	BY	APPROVED

THOS. TO BE IN ACCORD WITH U.S. DEPT. OF COMM. SCREW THD. STDS. FOR FEDERAL SERVICES 1950 SUPPL. TO HANDBOOK H 28.	SCALE	CODE IDENT.	DWG NO.	REV
	1:1	16301	minibend KSR-XX	C