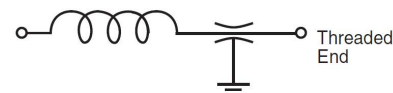


This series of filters features hermetic glass seals and high EMI filtering performance. They are excellent for critical applications that demand high reliability in the toughest environmental conditions and provide broad-band high performance EMI filtering from 10 KHz to over 10 GHz.

- MIL-PRF-15733 and DSCC 84084 QPL filters available
- Voltage ratings from 50 V to 400 VDC/240 AC, 400 Hz
- Impervious to high moisture environments, solvents and severe environmental conditions
- High temperature terminal construction
- D-slotted bushings
- High reliability testing available

L-C Filter LT



L-C Filter LB



Product Specifications

See page 2 for physical dimensions

.690 ø L Circuit Standard

Part Number	MIL No	Figure	Rated Voltage				I Amp	Min Cap μF	DCR Max Ohms	CKT	Max L (mm)	Minimum Insertion Loss (dB)							
			85°C		125°C							30 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz	
9010-100-0049	—	1	150	—	100	—	10.0	1.400	0.005	LT	0.560 (14.224)	16	24	34	44	60	70	70	
SCI-6120-008	—	1	150	—	100	—	10.0	2.600	0.006	LB	0.959 (24.359)	18	32	39	49	70	70	70	
SCI-6120-009	—	1	150	—	100	—	20.0	2.600	0.001	LB	0.560 (14.224)	18	32	39	49	60	70	70	
51-320-041	—	1	250	—	200	125	10.0	0.500	0.008	LT	0.905 (22.987)	5	19	25	35	50	70	70	
51-320-024	—	1	450	240	400	240	1.00	0.360	0.210	LT	0.905 (22.987)	5	30	38	60	70	70	70	
51-320-100	—	1	450	240	400	240	1.00	0.250	0.210	LT	0.890 (22.606)	—	21	33	55	70	70	70	
51-320-026	—	1	450	240	400	240	3.00	0.360	0.030	LT	0.905 (22.987)	5	19	25	45	70	70	70	
51-320-103	—	1	450	240	400	240	5.00	0.360	0.010	LB	0.905 (22.987)	—	12	18	30	60	70	70	
51-322-007	—	1	450	240	400	240	15.0	0.360	0.007	LB	0.560 (14.224)	5	19	25	35	48	62	70	
51-322-015	—	2	450	240	400	240	25.0	0.360	0.007	LT	0.740 (18.796)	5	17	23	34	48	62	70	
51-322-036	—	2	450	240	400	240	25.0	0.250	0.007	LB	0.750 (19.050)	—	10	16	29	45	60	70	
9010-100-0054	—	1	450	240	300	240	1.00	0.150	0.250	LT	0.890 (22.606)	—	14	32	52	70	70	70	
SCI-6320-004	—	1	300	—	300	125	1.00	0.400	0.300	LB	0.959 (24.359)	6	24	35	56	70	70	70	

.690 ø L Circuit MIL Qualified

Part Number	M15733 MIL No	See Pg. LP37 for Fig.	Rated Voltage				I Amp	Min Cap µF	DCR Max Ohms	CKT	Max L		Minimum Insertion Loss (dB)							
			85°C		125°C						In	(mm)	30 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz	
51-320-015	27-0005	1	—	—	200	125	3.00	0.250	0.033	LT	0.900	(22.860)	—	14	21	39	80	70	70	
51-320-017	27-0008	1	—	—	200	125	5.00	0.250	0.016	LT	0.900	(22.860)	—	13	19	32	69	70	70	
51-320-018	27-0009	1	—	—	200	125	5.00	0.250	0.016	LB	0.900	(22.860)	—	13	19	32	69	70	70	
51-323-003	27-0011	1	—	—	200	125	10.0	0.250	0.005	LT	0.900	(22.860)	—	13	19	30	61	70	70	
51-323-004	27-0012	1	—	—	200	125	10.0	0.250	0.005	LB	1.031	(26.187)	—	13	19	30	61	70	70	
51-322-009	27-0014	2	—	—	200	125	15.0	0.250	0.007	LT	1.763	(44.780)	—	19	25	36	60	70	70	
51-322-017	34-0002	2	—	—	200	125	20.0	0.360	0.050	LB	0.740	(18.796)	—	19	25	35	57	70	70	

.690 ø L Circuit DSCC 84084 Product

Part Number	84084 No	Fig.	Rated Voltage				I Amp	Min Cap µF	DCR Max Ohms	CKT	Max L		Minimum Insertion Loss (dB)						
			85°C		125°C						In	(mm)	30 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
51-320-162	-004	1	—	—	400	230	1.00	0.150	0.150	LT	0.905	(22.987)	—	19	30	46	60	70	70
51-320-163	-005	1	—	—	400	230	1.00	0.150	0.150	LB	1.060	(26.924)	—	19	30	46	60	70	70
51-320-164	-006	1	—	—	400	230	3.00	0.150	0.026	LT	0.905	(22.987)	—	11	19	36	60	70	70
51-320-165	-007	1	—	—	400	230	3.00	0.150	0.026	LB	0.905	(22.987)	—	11	19	36	60	70	70
51-320-166	-008	1	—	—	400	230	5.00	0.150	0.013	LT	0.905	(22.987)	—	10	16	28	54	70	70
51-320-167	-009	1	—	—	400	230	5.00	0.150	0.013	LB	0.860	(21.844)	—	10	16	28	54	70	70
51-320-168	-010	1	—	—	400	230	10.0	0.150	0.008	LT	0.905	(22.987)	—	10	16	25	48	70	70
51-320-169	-011	1	—	—	400	230	10.0	0.150	0.008	LB	0.905	(22.987)	—	10	16	25	48	70	70

Physical Dimensions

