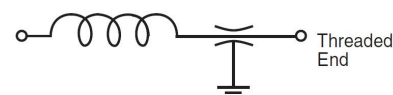


This series of filters features hermetic glass seals and high EMI filtering performance. They are excellent for critical applications that demand high reliability in the toughest environmental conditions and provide broad-band high performance EMI filtering from 10 KHz to over 10 GHz.

- MIL-PRF-15733 and MIL-PRF-28861QPL 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

.375 ø L Circuit Standard

Part Number	MIL No	See Pg.2 for Fig.	Rated Voltage				I Amp	Min Cap µF	DCR Max Ohms	CKT	Max L		Thd Lgth	Minimum Insertion Loss (dB)						
			85°C DC	AC	125°C DC	AC					In	(mm)		30 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
51-353-007	—	1	80	—	50	—	0.06	1.400	70.000	LB	0.790	(20.066)	A	44	65	70	70	70	70	
51-353-095	—	1	80	—	50	—	0.15	1.400	12.000	LT	0.730	(18.542)	A	24	52	64	70	70	70	
51-353-003	—	1	80	—	50	—	0.45	1.400	1.200	LB	0.740	(18.796)	A	15	31	37	55	70	70	
51-353-099	—	1	80	—	50	—	1.00	1.400	0.250	LT	0.760	(19.304)	A	16	34	44	70	70	70	
51-353-100	—	1	80	—	50	—	5.00	1.400	0.015	LT	0.760	(19.304)	A	15	28	34	46	70	70	
9200-300-0025	—	1	80	—	50	—	10.00	1.200	0.010	LB	0.450	(11.430)	A	15	28	33	44	60	70	
9200-303-0095	—	1	80	—	50	—	10.00	1.200	0.010	LB	0.370	(9.398)	B	15	28	33	44	60	—	
	—	1	80	—	50	—	10.00	1.400	0.010	LT	0.450	(11.430)	A	15	28	33	44	60	70	
	—	1	80	—	50	—	10.00	1.400	0.010	LT	0.450	(11.430)	B	15	28	33	44	60	70	
51-353-120	—	1	150	—	100	—	1.00	0.750	0.250	LB	0.758	(19.253)	A	9	27	36	57	70	70	
9000-103-0019	—	1	150	—	100	—	5.00	0.450	0.015	LT	0.730	(18.542)	B	—	17	23	35	69	—	
SCI-2120-014	—	1	150	—	100	—	10.00	1.000	0.003	LB	0.420	(10.668)	B	10	25	30	41	56	—	
51-353-110	—	1	250	—	200	125	1.00	0.250	0.250	LT	0.730	(18.542)	A	—	18	30	50	70	70	
51-353-111	—	1	250	—	200	125	1.00	0.250	0.250	LB	0.730	(18.542)	A	—	18	30	50	70	70	
51-353-112	—	1	250	—	200	125	3.00	0.250	0.050	LT	0.730	(18.542)	A	—	13	20	35	70	70	
51-353-113	—	1	250	—	200	125	3.00	0.250	0.050	LB	0.730	(18.542)	A	—	13	20	35	70	70	
51-353-116	—	1	250	—	200	125	10.00	0.250	0.010	LT	0.450	(11.430)	A	4	15	21	31	50	70	
SCI-2320-010	—	1	300	—	300	125	0.50	0.150	1.000	LB	0.758	(19.253)	B	—	23	35	56	70	70	
SCI-2320-004	—	1	300	—	300	125	1.00	0.150	0.250	LB	0.758	(19.253)	A	—	10	21	41	70	70	
SCI-2320-005	—	1	300	—	300	125	2.00	0.150	0.063	LB	0.758	(19.253)	A	—	8	14	30	70	70	
SCI-2320-007	—	1	300	—	300	125	10.00	0.150	0.003	LB	0.360	(9.144)	A	—	8	14	25	45	52	
SCI-2320-014	—	1	300	—	300	125	10.00	0.150	0.003	LB	0.360	(9.144)	B	—	8	14	25	45	52	
51-353-111	—	1	250	125	200	125	1.00	0.300	0.025	LB	0.730	(18.52)	B	—	18	30	50	70	70	
9000-100-0024	—	1	250	125	180	125	0.50	0.250	0.600	LT	0.730	(18.52)	B	—	—	38	58	70	—	
9000-100-0048	—	1	250	125	180	125	5.00	0.250	0.015	LB	0.730	(18.52)	B	4	15	21	32	60	—	

.375 ϕ L Circuit MIL Qualified

Part Number	M15733 M28861 MIL No	Figure	Rated Voltage				I Amp	Min Cap μF	DCR Max Ohms	CKT	Max L In (mm)	Thd Lgth	Minimum Insertion Loss (dB)						
			85°C		125°C								30 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
			DC	AC	DC	AC													
51-390-018	23-0026	1	—	—	50	—	0.50	1.400	0.360	LB	0.630 (16.002)	A	12	36	48	69	70	70	70
51-390-026	23-0038	1	—	—	50	—	1.00	1.400	0.140	LB	0.630 (16.002)	A	11	26	36	55	70	70	70
51-390-034	23-0050	1	—	—	50	—	2.00	1.400	0.070	LB	0.630 (16.002)	A	10	32	—	48	70	70	70
51-353-067	24-0006	1	80	—	50	—	10.00	1.400	0.010	LB	0.730 (18.542)	B	15	28	31	42	56	70	70
51-353-207	34-0007	1	—	—	50	—	10.00	1.400	0.010	LB	0.760 (19.304)	A	15	28	31	42	56	70	70
51-444-072	58-0002	1	80	—	50	—	10.00	1.400	0.008	LT	0.450 (11.43)	A	15	28	34	44	60	70	70
51-353-066	24-0005	1	80	—	50	—	10.00	1.400	0.010	LB	0.730 (18.542)	A	15	28	31	42	56	70	70
51-353-287	39-0014	1	—	—	50	—	10.00	1.400	0.003	LT	0.730 (18.542)	B	14	28	34	44	52	70	70
51-444-060	24-0008	1	80	—	50	—	10.00	1.400	0.010	LT	0.740 (18.796)	B	15	28	31	42	56	70	70
51-343-028	38-0002	1	—	—	50	—	15.00	1.400	0.008	LB	0.360 (9.144)	A	15	28	34	44	60	70	70
51-343-034	38-0006	1	—	—	50	—	15.00	1.400	0.008	LB	0.360 (9.144)	B	15	28	34	44	60	70	70
51-353-053	25-0003	1	—	—	100	—	1.00	0.450	0.250	LB	0.730 (18.542)	A	—	23	34	55	70	70	70
51-353-054	25-0005	1	—	—	100	—	5.00	0.450	0.015	LT	0.730 (18.542)	A	—	17	23	35	69	70	70
51-353-055	25-0008	1	—	—	100	—	5.00	0.450	0.015	LB	0.738 (18.745)	A	—	17	23	35	69	70	70
51-353-155	39-0008	1	—	—	100	—	5.00	0.450	0.015	LB	0.730 (18.542)	A	6	20	26	35	60	60	70
51-444-039	25-0017	1	—	—	100	—	5.00	0.450	0.015	LT	0.740 (18.796)	B	—	17	23	35	69	70	70
51-444-040	25-0020	1	—	—	100	—	5.00	0.450	0.015	LB	0.738 (18.745)	B	—	17	23	35	69	70	70
51-353-156	39-0009	1	—	—	100	—	10.00	0.450	0.003	LT	0.730 (18.542)	A	6	20	26	35	56	60	70
51-353-157	39-0010	1	—	—	100	—	10.00	0.450	0.003	LB	0.730 (18.542)	A	6	20	26	35	56	60	70
51-353-076	26-0001	1	—	—	150	125	1.00	0.250	0.250	LT	0.730 (18.542)	A	—	13	24	45	80	70	70
51-353-077	26-0003	1	—	—	150	125	1.00	0.250	0.250	LB	0.738 (18.745)	A	—	13	24	45	80	70	70
51-444-043	26-0013	1	—	—	150	125	1.00	0.250	0.250	LT	0.740 (18.796)	B	—	13	24	45	80	70	70
51-444-044	26-0015	1	—	—	150	125	1.00	0.250	0.250	LB	0.738 (18.745)	B	—	13	24	45	80	70	70
51-390-040	23-0058	1	—	—	150	—	2.00	0.250	0.070	LT	0.630 (16.002)	A	3	15	23	38	60	—	60
51-390-039	23-0057	1	—	—	150	—	2.00	0.250	0.070	LT	0.630 (16.002)	B	3	15	23	38	60	—	60
51-444-005	34-0015	1	—	—	150	125	3.00	0.150	0.050	LT	0.740 (18.796)	B	—	8	15	30	68	70	70
51-353-078	26-0004	1	—	—	150	125	3.00	0.250	0.050	LT	0.740 (18.796)	A	—	8	15	30	68	70	70
51-353-079	26-0006	1	—	—	150	125	3.00	0.250	0.050	LB	0.730 (18.542)	A	—	8	15	30	68	70	70
51-444-046	26-0018	1	—	—	150	125	3.00	0.250	0.050	LB	0.730 (18.542)	B	—	8	15	30	68	70	70
51-444-047	26-0019	1	—	—	150	125	5.00	0.250	0.015	LT	0.740 (18.796)	B	—	8	14	25	58	70	70
51-353-080	26-0007	1	—	—	150	125	5.00	0.250	0.015	LT	0.740 (18.796)	A	—	8	14	25	58	70	70
51-353-081	26-0010	1	—	—	150	125	5.00	0.250	0.015	LB	0.738 (18.745)	A	—	8	14	25	58	70	70
51-444-027	34-0030	1	—	—	200	125	5.00	0.250	0.150	LB	0.740 (18.796)	A	2	15	21	32	60	70	70
51-444-117	54-0018	2	—	—	300	125	1.00	0.150	0.250	LB	0.740 (18.796)	A	—	10	21	41	70	70	70
51-311-036	5-061	1	250	125	200	125	1.00	0.150	0.250	LB	0.790 (20.066)	B	—	13	24	45	60	70	70

