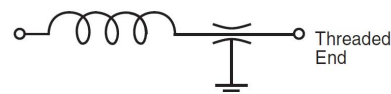


This series of filters features hermetic glass seals and high EMI filtering performance. They are excellent for critical applications that demand high reliability in the toughest environmental conditions and provide broad-band high performance EMI filtering from 10 KHz to over 10 GHz.

- MIL-PRF-15733 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

.375 ø L Circuit Standard - Low Profile

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		125°C						In	(mm)		30 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
			DC	AC	DC	AC														
9051-100-0000	—	1	80	—	50	—	15	1.200	0.005	LB	0.340	(8.636)	A	15	28	34	44	60	70	70
51-359-001	—	1	80	—	50	—	15	1.400	0.005	LB	0.360	(9.144)	A	15	28	34	44	60	70	70
SCI-1021-000	—	2*	80	—	50	—	15	1.400	0.003	LB	0.280	(7.112)	A	15	28	33	44	60	70	70
9053-100-0001	—	1	80	—	50	—	15	1.400	0.005	LB	0.360	(9.144)	A	15	28	34	44	60	70	70
51-717-001	—	2*	80	—	50	—	15	1.400	0.005	LB	0.280	(7.112)	A	15	28	34	44	60	70	70
51-344-006	—	4	80	—	50	—	15	1.400	0.005	LB	0.330	(8.382)	A	15	28	34	44	70	70	70
SCI-1020-000	—	1	80	—	50	—	15	1.400	0.003	LB	0.370	(9.398)	A	15	28	33	44	60	-	70
SCI-1021-020	—	2*	80	—	50	—	15	1.400	0.003	LB	0.280	(7.112)	B	15	28	35	44	60	70	70
SCI-1020-020	—	1	80	—	50	—	15	1.400	0.003	LB	0.360	(9.144)	B	15	-	33	44	60	70	70
SCI-1150-001	—	1	80	—	50	—	15	2.800	0.003	LB	0.450	(11.430)	B	20	34	40	49	60	70	70
9051-101-0018	—	5	80	—	50	—	25	1.400	0.001	LB	0.450	(11.430)	A	15	28	33	44	60	-	70
9053-100-0008	—	1	100	—	70	—	15	0.700	0.005	LB	0.360	(9.144)	A	10	24	30	40	52	70	70
9050-100-0008	—	2*	100	—	70	—	15	0.750	0.005	LB	0.385	(9.779)	A	9	20	29	39	52	70	70
9053-100-0002	—	1	150	—	100	—	15	0.500	0.005	LB	0.360	(9.144)	A	4	12	21	31	48	-	70
SCI-1250-001	—	1	150	—	100	—	15	0.500	0.003	LB	0.360	(9.144)	B	8	20	27	36	50	70	70
SCI-2150-000	—	1	150	—	100	—	15	1.000	0.003	LB	0.385	(9.779)	A	10	25	30	41	56	-	70
SCI-2150-001	—	1	150	—	100	—	15	1.000	0.003	LB	0.450	(11.430)	B	10	25	30	41	56	-	70
51-717-007	—	2*	250	125	200	125	15	0.015	0.005	LB	0.280	(7.112)	A	—	—	—	6	25	42	50
51-359-007	—	1	250	125	200	125	15	0.012	0.005	LB	0.360	(9.144)	A	—	—	—	6	25	38	50
9050-100-0011	—	2	350	125	300	125	15	0.150	0.008	LB	0.280	(7.112)	A	—	10	15	25	40	52	70
SCI-2350-000	—	1	300	125	300	125	15	0.250	0.003	LB	0.400	(10.160)	A	4	15	21	31	50	70	70
SCI-2350-001	—	1	300	125	300	125	15	0.250	0.003	LB	0.375	(9.525)	B	5	17	23	33	53	-	70
9050-100-0000	—	2*	80	—	50	—	15	1.400	0.005	LB	0.280	(7.112)	A	15	28	34	44	60	70	70
9050-000-0000	—	2*	80	—	50	—	15	1.400	0.005	LB	0.280	(7.112)	A	15	28	34	44	60	70	70

* Part is resin sealed, this is not a hermetic part.

.375 ø L Circuit MIL Qualified - Low Profile

Part Number	M15733 MIL No	See Below 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
51-359-021	38-0004	1		—	50	—	10	1.400	0.008	LB	0.370	(9.398)	A	15	28	34	44	60	-	70
51-359-024	38-0005	1	80	—	50	—	10	1.400	0.008	LB	0.360	(9.144)	A	15	28	33	44	60	-	70
51-359-051	58-0001	1	80	—	50	—	10	1.400	0.008	LB	0.360	(9.144)	A	15	28	34	44	60	-	70
51-359-105	58-0004	1	80	—	50	—	10	1.400	0.008	LT	0.430	(10.922)	B	15	28	33	44	60	-	70
51-359-044	49-0006	1	100	—	50	—	15	1.200	0.010	LB	0.360	(9.144)	A	15	28	33	44	60	-	70
51-359-055	49-0007	3	100	—	50	—	15	1.200	0.010	LB	0.450	(11.43)	A	15	28	34	44	60	70	70
51-359-081	1-001	1	—	—	50	—	15	1.400	0.008	LB	0.410	(10.414)	A	15	28	33	40	40	70	70
51-359-086	1-011	1	—	—	50	—	15	1.400	0.008	LB	0.410	(10.414)	B	15	28	33	40	40	70	70
51-359-053	49-0001	4	100	—	50	—	15	0.680	0.010	LB	0.290	(7.366)	A	8	20	28	38	55	70	70
51-359-082	1-003	1	—	—	70	—	15	0.700	0.008	LB	0.410	(10.414)	A	10	24	30	40	40	64	70
51-359-083	1-005	1	—	—	100	—	15	0.450	0.008	LB	0.410	(10.414)	A	6	19	25	36	40	60	70
51-359-088	1-015	1	—	—	100	—	15	0.450	0.008	LB	0.410	(10.414)	B	6	19	25	36	40	60	70
51-359-084	1-007	1	—	—	150	—	15	0.250	0.008	LB	0.410	(10.414)	A	-	14	20	31	40	56	70
51-359-050	38-0008	1	—	—	200	125	15	0.150	0.008	LB	0.360	(9.144)	A	-	-	-	6	25	-	60
51-359-085	1-009	1	—	—	200	125	15	0.150	0.008	LB	0.410	(10.414)	A	-	10	16	26	40	52	70
51-359-090	1-019	1	—	—	200	125	15	0.150	0.008	LB	0.410	(10.414)	B	-	10	16	26	40	52	70

Thread length: A - 0.190 (4.83) B - 0.312 (7.92)

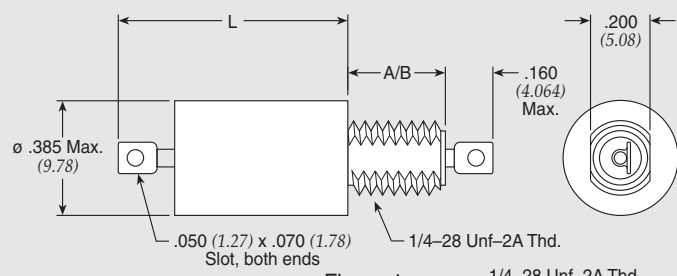


Figure 1

Note: ø .410 Max. for M28861 parts

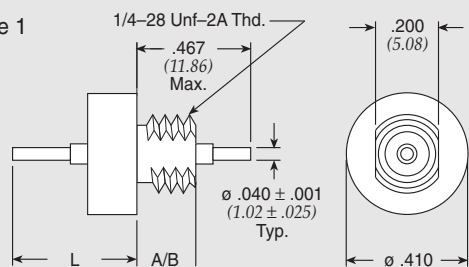


Figure 3

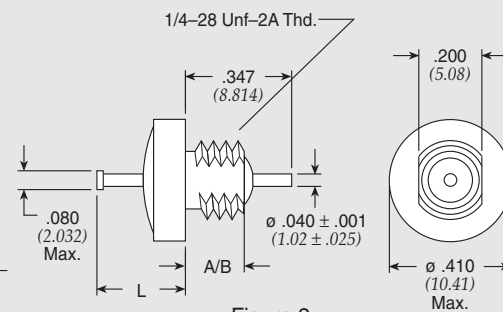
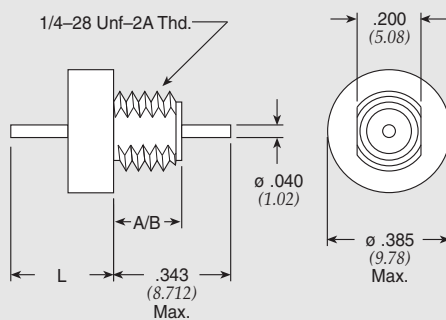
Figure 2
Resin Sealed
Not Hermetically Sealed

Figure 4

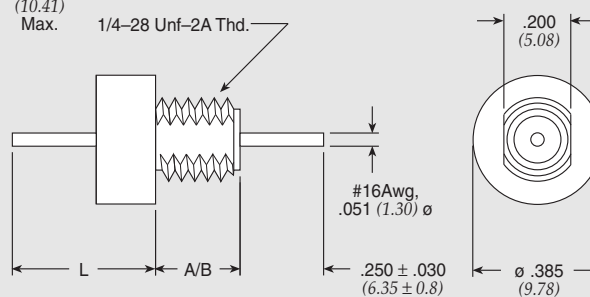


Figure 5

Dimensions in inches (mm)