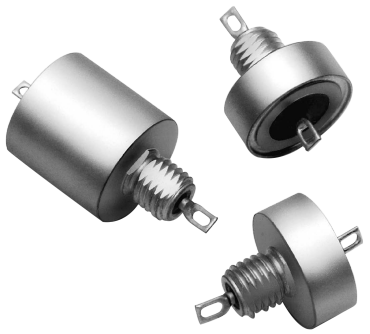
PRODUCT DATASHEET

Hermetically Sealed Threaded Case Filters

0.690 ø FT Circuit

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/240AC, 400 Hz
- Impervious to high moisture environments, solvents and severe environmental conditions
- High temperature terminal construction
- D-slotted bushings
- High reliability testing available



Product Specifications

See page 2 for physical dimensions

.690 ø C Circuit Standard

Part Number	MIL No	Figure	Rated Voltage 85°C DC	85°C AC	125°C DC	125°C AC	I Amp	Min Cap µF	DCR Max Ohms	Max L In	Max L (mm)	Minimum Insertion Loss (dB) 30 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
9932-100-6004	—	1	200	—	150		15	2.600	0.005	0.702	(17.831)	10	29	39	50	60	70	70
54-310-001	—	1	300	—	300	125	15	0.500	0.005	0.560	(14.224)	6	19	25	36	50	70	70
54-310-005	—	2	250	—	200	125	25	0.500	0.005	0.740	(18.796)	6	19	25	36	50	70	70
54-310-009	—	1	450	240	400	240	15	0.250	0.005	0.560	(14.224)	—	14	19	30	45	60	70
9932-100-6005	—	1	450	240	400	240	15	0.250	0.005	0.560	(14.224)	—	14	19	30	50	70	70
54-310-019	—	2	150	—	100	—	25	3.0	0.005	0.740	(18.796)	—	38	45	54	60	—	70

.690 ø C Circuit MIL Qualified

Part Number	M15733 MIL No	Figure	Rated Voltage 85°C DC	85°C AC	125°C DC	125°C AC	I Amp	Min Cap µF	DCR Max Ohms	Max L In	Max L (mm)	Minimum Insertion Loss (dB) 30 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
54-310-039	34-0037	1	—	—	275	125	15	0.200	0.005	0.575	(14.605)	5	15	21	31	51	70	70

.690 ø C Circuit DSCC 84084 Product

Part Number	84084 No	Figure	Rated Voltage 85°C DC	85°C AC	125°C DC	125°C AC	I Amp	Min Cap µF	DCR Max Ohms	Max L In	Max L (mm)	Minimum Insertion Loss (dB) 30 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
54-310-042	-001	1	—	—	400	230	15	0.150	0.005	0.560	(14.224)	—	10	16	26	40	52	70

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Physical Dimensions