

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-28861 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



Product Specifications

See page 2 for physical dimensions

.375 ø Pi Circuit Standard

Part Number	MIL No	See Pg.2 for Fig.	Rated Voltage				I Amp	Min Cap µF	DCR Max Ohms	Max L		Thd Lgth	Minimum Insertion Loss (dB)						
			85°C		125°C					In	L (mm)		30 KHz	150 KHz	300 KHz	1 MHz	10 MHz	100 MHz	1 GHz
SCI-2030-010	—	2	80	—	50	—	0.50	1.500	1.000	0.730	(18.542)	B	24	66	70	70	70	70	
SCI-2030-005	—	2	80	—	50	—	2.00	1.500	0.063	0.758	(19.253)	A	-	45	62	70	70	70	
SCI-2030-006	—	2	80	—	50	—	3.00	1.500	0.027	0.758	(19.253)	A	-	35	55	70	70	70	
SCI-2030-013	—	2	80	—	50	—	3.00	1.500	0.027	0.758	(19.253)	B	-	35	55	70	70	70	
9001-100-1080	—	1	80	—	50	—	5.00	2.800	0.015	0.758	(19.253)	A	-	18	60	80	80	-	
9001-100-1081	—	1	80	—	50	—	10.0	2.800	0.005	0.758	(19.253)	A	21	35	40	35	70	70	
SCI-2130-009	—	1	150	—	100	—	0.25	1.000	4.000	0.758	(19.253)	B	28	70	70	70	70	70	
51-311-319	—	1	150	—	100	—	0.50	1.000	0.600	0.810	(20.574)	A	-	51	69	70	70	-	
9001-100-1013	—	1	150	—	100	—	1.00	1.000	0.250	0.758	(19.253)	A	-	-	59	80	80	-	
51-311-322	—	1	150	—	100	—	5.00	1.000	0.015	0.780	(19.812)	A	-	-	28	65	70	70	
SCI-2130-007	—	1	150	—	100	—	10.0	1.000	0.003	0.758	(19.253)	A	9	24	29	40	70	70	
SCI-2130-014	—	1	150	—	100	—	10.0	1.000	0.005	0.758	(19.253)	B	9	24	29	40	70	70	
51-311-316	—	1	250	125	200	125	1.00	0.300	0.250	0.758	(19.253)	A	-	23	43	70	70	70	
51-311-317	—	1	250	125	200	125	3.00	0.300	0.050	0.758	(19.253)	A	-	-	20	55	70	70	
9001-100-1025	—	1	250	125	200	125	5.00	0.300	0.015	0.790	(20.07)	A	-	-	-	43	80	-	
SCI-2330-009	—	1	300	125	300	125	0.25	0.300	4.000	0.730	(18.542)	B	8	50	66	70	70	-	
SCI-2330-010	—	1	300	125	300	125	0.50	0.300	1.000	0.730	(18.542)	B	-	40	56	70	70	-	
SCI-2330-012	—	1	300	125	300	125	2.00	0.300	0.063	0.790	(20.07)	B	-	14	33	63	70	-	
SCI-2330-007	—	1	300	125	300	125	10.0	0.300	0.003	0.758	(19.253)	A	-	14	20	25	58	70	
9001-100-1017	—	1	150	—	100	—	5.00	1.000	0.015	0.790	(20.07)	A	-	-	28	65	70	70	

.375 ø Pi Circuit MIL Qualified

Note: Max. O.D. is ø .416" for Military QPL Filters.

Part Number	M15733 MIL No	Figure	Rated Voltage				I Amp	Min Cap µF	DCR Max Ohms	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	
51-390-305	23-0017	1	—	—	50	—	0.30	2.800	0.770	0.730	(18.542)	B	29	73	80	80	80	-	80	
51-390-314	23-0042	1	—	—	50	—	1.00	2.800	0.140	0.730	(18.542)	A	-	52	71	80	80	-	80	
51-390-318	23-0054	1	—	—	50	—	2.00	1.500	0.070	0.730	(18.542)	A	-	46	65	80	80	-	80	
51-390-317	23-0053	1	—	—	50	—	2.00	1.500	0.070	0.730	(18.542)	B	-	46	65	80	80	-	80	
51-311-311	25-0010	1	—	—	100	—	0.25	0.900	1.500	0.793	(20.142)	A	-	48	66	80	80	-	70	
51-311-308	25-0002	1	—	—	100	—	1.00	0.500	0.250	0.793	(20.142)	A	-	33	52	80	80	-	70	
51-311-309	25-0004	1	—	—	100	—	3.00	0.660	0.050	0.793	(20.142)	A	-	17	34	68	80	-	70	
51-311-310	25-0006	1	—	—	100	—	5.00	0.900	0.015	0.780	(19.812)	A	-	-	17	57	80	-	70	
51-353-344	39-0011	1	—	—	100	—	10.0	0.990	0.003	0.760	(19.304)	A	9	24	29	40	70	70	70	
51-353-345	39-0012	1	—	—	100	—	10.0	0.990	0.003	0.760	(19.304)	A	9	24	29	40	70	70	70	
51-311-314	26-0011	1	—	—	150	125	0.25	0.300	1.500	0.793	(20.142)	A	-	29	47	70	80	-	70	
51-390-312	23-0036	1	—	—	150	—	0.50	0.500	0.360	0.730	(18.542)	A	-	48	66	70	70	-	70	
51-390-311	23-0035	1	—	—	150	—	0.50	0.500	0.360	0.730	(18.542)	B	-	48	66	70	70	-	70	
51-353-336	26-0002	1	—	—	150	125	1.00	0.300	0.250	0.793	(20.142)	A	-	11	32	63	80	70	70	
51-390-315	23-0047	1	—	—	150	—	1.00	0.500	0.140	0.730	(18.542)	B	-	28	51	70	70	-	70	
51-311-312	26-0005	1	—	—	150	125	3.00	0.300	0.050	0.793	(20.142)	A	-	5	6	47	80	-	70	
51-311-408	54-0005	2	—	—	300	115	1.00	0.300	0.250	0.788	(20.02)	A	-	23	43	70	70	-	70	

Physical Dimensions