



These EMI filters are easily mounted in a tapped hole or through-hole using the supplied nut and lock washer. The rugged case, featuring resin seals at both ends, provides excellent environmental protection. Primarily used in filtering signal/data lines and DC power lines. RoHS versions available.

## Product Specifications

Part Number	Figure	Rated Voltage 125°C		I Amp	CKT	Min Cap	A		Minimum Insertion Loss (dB)							
		DC	AC				In	(mm)	1 MHz	3 MHz	10 MHz	30 MHz	100 MHz	300 MHz	1 GHz	10 GHz
51-729-305	1	50	—	3	Pi	5500 pF	0.018	(0.46)	—	7	14	40	60	70	70	70
51-729-312	1	50	—	3	Pi	7000 pF	0.018	(0.46)	—	—	14	—	70	70	70	70
SCI-3102-002	1	50	—	3	LB	0.075 μF	0.016	(0.41)*	18	25	37	42	52	—	70	70
SCI-3102-000	1	50	—	5	LB	0.075 μF	0.016	(0.41)	18	25	37	42	52	—	70	70
SCI-3102-007	1	50	—	10	LB	0.075 μF	0.025	(0.64)	18	25	37	42	52	55	70	70
51-729-304	1	100	—	3	LB	0.022 μF	0.018	(0.46)	7	17	27	36	45	47	55	55
SCI-3112-002	1	100	—	5	LB	0.027 μF	0.016	(0.41)*	10	20	30	38	50	—	70	70
SCI-3112-000	1	100	—	5	LB	0.027 μF	0.016	(0.41)	10	20	30	38	50	—	70	70
SCI-3112-007	1	100	—	10	LB	0.027 μF	0.025	(0.64)	10	20	30	38	50	—	70	70
SCI-3112-102	1	100	—	3	LB	0.05 μF	0.016	(0.41)*	15	24	34	42	54	56	70	70
SCI-3112-100	1	100	—	5	LB	0.05 μF	0.016	(0.41)	15	24	35	42	54	56	70	70
SCI-3112-107	1	100	—	10	LB	0.05 μF	0.025	(0.64)	15	24	38	42	54	56	70	70
51-729-303	1	200	—	3	Pi	1500 pF	0.018	(0.46)	—	—	5	15	42	65	70	70
SCI-3122-002	1	200	115	3	LB	0.01 μF	0.016	(0.41)*	—	12	21	30	41	45	70	70
SCI-3122-000	1	200	115	5	LB	0.01 μF	0.016	(0.41)	—	12	21	30	41	45	70	70
SCI-3122-007	1	200	115	10	LB	0.01 μF	0.025	(0.64)	—	12	21	30	41	45	70	70

