

TUSONIX EMI Filters and Feedthru Capacitors



A Subsidiary of CTS Electronic Components

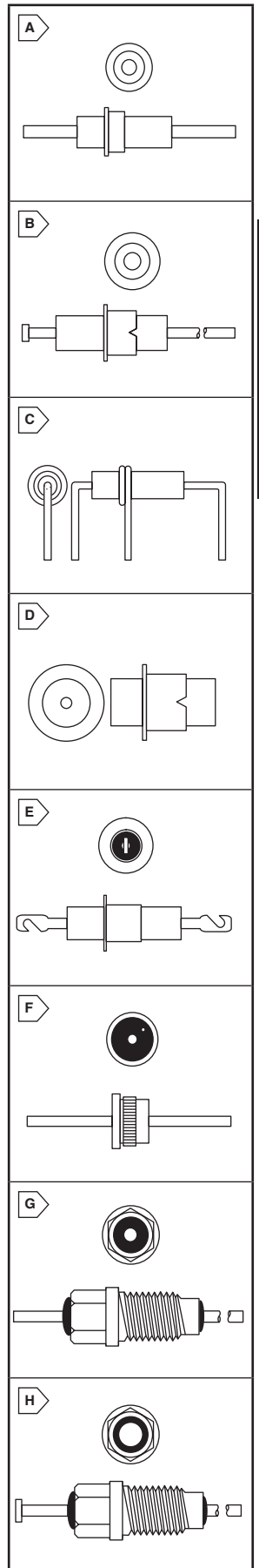
RoHS Compliant This product is RoHS compliant.

EMI/RFI FILTERS

Tusonix, Inc. manufactures thousands of EMC Products featuring an extensive line of EMI/RFI Filters and Capacitors. We combine Technology, Expertise, Versatility and Innovation to produce the industry's most complete line of ceramic EMI/RFI Filters. TUSONIX draws upon its 50+ years of manufacturing expertise and an accumulated base of ceramic dielectric technology to provide an ever expanding line of EMI/RFI Filters and Capacitors. Tusonix products not only set the industry standard but lead the way in the development of tomorrow's EMI Technology.

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Fig.	Circuit Type	Dia.	AWG	Working Voltage (DC) @125°C	Capacitance (pF)	Minimum No-Load Insertion Loss (dB) @25°C per MIL-Std-220					Price Each		
Mfr.	Mfr. Part No.							1MHz	10MHz	100MHz	1GHz	10GHz	1	10	50
Solder Mount and No-Solder Filters															
800—4100-000LF	A	Pi	0.138	20	125	1,500	--	6	45	60	60	7.42	6.18	5.56	
800—4101-001LF	B	Pi	0.143	20	200	1,500	--	3	45	70	70	4.44	3.70	3.33	
800—4100-053LF	C	Pi	--	--	200dc	1,500	--	18	60	70	--	6.20	5.17	4.65	
800—4101-000LF	D	Pi	--	--	125	1,750	--	5	35	50	50	4.30	3.59	3.23	
800—4101-002LF	B	Pi	0.195	20	125	1,750	--	5	50	60	60	4.40	3.66	3.30	
800—4101-003LF	A	Pi	0.195	20	125	1,750	--	5	50	60	60	4.40	3.66	3.30	
800—4101-004LF	B	Pi	0.195	20	125	1,750	--	5	50	60	60	5.41	4.51	4.05	
800—4100-003LF	A	Pi	0.140	18	50	3,000	--	7	50	65	60	7.58	6.32	5.68	
800—4102-000LF	A	Pi	0.180	18	200	3,000	--	8	55	65	65	8.56	7.13	6.42	
800—4106-000LF	E	Pi	--	--	500dc/350ac	3,000	--	--	50	50	--	7.42	6.18	5.56	
800—4106-001LF	E	Pi	--	--	500	4,500	--	8	50	70	50	7.42	6.18	5.56	
800—4151-001LF	B	Pi	0.195	20	70	22,000	--	35	70	70	70	19.44	16.66	14.43	
Epoxy Sealed Top (Flange)/Glass Sealed Bottom															
800—4300-680LF	A	C	0.156 .03"		200	5	--	--	--	--	--	7.20	6.17	5.14	
800—4300-681LF	A	C	0.156 .03"		200	5	--	--	--	--	--	7.20	6.17	5.14	
800—4300-008LF	A	C	0.156 .03"		200	10	--	--	--	5	20	7.83	6.70	5.59	
800—4300-000LF	A	C	0.156 .03"		200	100	--	--	3	20	28	7.83	6.70	5.59	
800—4300-020LF	A	C	0.156 .03"		200	100	--	--	3	20	28	7.83	6.70	5.59	
800—4300-001LF	A	C	0.156 .03"		200	500	--	--	15	35	40	10.22	8.76	7.30	
800—4300-002LF	A	C	0.156 .03"		200	1,200	--	5	20	35	45	8.66	7.41	6.18	
800—4300-003LF	A	C	0.156 .03"		100	2,700	--	10	25	40	50	7.53	6.45	5.38	
800—4300-004LF	A	C	0.156 .03"		100	5,000	--	15	30	45	55	11.06	9.48	7.90	
800—4300-024LF	A	C	0.156 .03"		100	5,000	--	15	30	50	50	10.36	8.88	7.40	
800—4300-005LF	A	C	0.156 .03"		50	10,000	4	21	35	50	60	8.26	7.08	5.90	
800—4300-025LF	A	C	0.156 .03"		50	10,000	4	20	35	50	60	11.20	9.60	8.00	
800—4300-006LF	A	C	0.156 .03"		50	15,000	7	20	35	55	60	11.43	9.53	8.57	
800—4300-013LF	A	C	0.156 .03"		50	27,000	10	28	42	65	65	11.54	9.88	8.24	
800—4300-034LF	A	C	0.156 .03"		50	50,000	15	35	45	70	--	16.45	14.10	11.75	
800—4304-000LF	F	C	0.156 .03"		200	10	--	--	--	5	20	15.79	13.15	11.84	
800—4304-003LF	F	C	0.156 .03"		200	100	--	--	3	20	28	17.13	14.28	12.85	
800—4306-012LF	F	C	0.146 .03"		200	5	--	--	--	5	--	11.03	9.19	8.27	
800—4306-680LF	F	C	0.146 .03"		200	5	--	--	--	--	--	12.39	10.62	8.85	
800—4306-028LF	F	C	0.146 .03"		200	10	--	--	--	5	20	14.07	12.06	10.05	
800—4306-005LF	F	C	0.146 .03"		200	50	--	--	--	10	25	12.24	10.20	9.18	
800—4306-029LF	F	C	0.146 .03"		200	100	--	--	3	20	28	14.07	12.06	10.05	
800—4306-007LF	F	C	0.146 .03"		200	250	--	--	5	22	30	15.06	12.55	11.29	
800—4306-003LF	F	C	0.146 .03"		200	500	--	--	15	35	40	16.03	13.74	11.45	
800—4306-008LF	F	C	0.146 .03"		200	1,000	--	5	20	35	45	16.52	14.16	11.80	
800—4306-009LF	F	C	0.146 .03"		200	1,500	--	5	22	35	45	16.52	14.16	11.80	
800—4306-030LF	F	C	0.146 .03"		100	5,000	--	15	30	45	55	16.87	14.46	12.05	
Glass Sealed Top (Flange)/Epoxy Sealed Bottom															
800—4306-025LF	F	C	0.146 .03"		200	5	--	--	--	5	--	11.28	9.40	8.46	
800—4306-019LF	F	C	0.146 .03"		200	25	--	--	--	10	25	14.07	12.06	10.05	
800—4306-018LF	F	C	0.146 .03"		200	50	--	--	--	10	25	12.24	10.20	9.18	
800—4306-014LF	F	C	0.146 .03"		200	100	--	--	3	20	28	14.07	12.06	10.05	
800—4306-020LF	F	C	0.146 .03"		200	250	--	--	5	22	30	20.07	16.72	15.05	
800—4306-016LF	F	C	0.146 .03"		200	500	--	--	15	35	40	16.03	13.74	11.45	
800—4306-021LF	F	C	0.146 .03"		200	1,000	--	5	20	35	45	16.52	14.16	11.80	
800—4306-022LF	F	C	0.146 .03"		200	1,500	--	5	22	35	45	16.52	14.16	11.80	
800—4306-017LF	F	C	0.146 .03"		100	5,000	--	15	30	45	55	17.78	15.24	12.70	



EMI Suppression Tusonix

THREADED FILTERS AND FEED-THROUGH CAPACITORS

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MOUSER STOCK NO.		Fig.	Ckt	Thread	Hex Size	Working Voltage (DC) @125°C	Capacitance (pF)	Minimum No-Load Insertion Loss (dB) @25°C per MIL-Std-220					Price Each		
Mfr.	Mfr. Part No.							1MHz	10MHz	100MHz	1GHz	10GHz	1	10	50
800—4400-680LF	G	C	4-40 UNC-2A	.156	200	5	--	--	--	--	--	5.95	5.10	4.25	
800—4400-008LF	G	C	4-40 UNC-2A	.156	200	10	--	--	--	5	--	7.11	6.08	5.54	
800—4400-038LF	G	C	4-40 UNC-2A	.156	200	10	--	--	--	5	20	7.11	6.08	5.54	
800—4400-039LF	G	C	4-40 UNC-2A	.125	200	25	--	--	--	10	25	7.70	6.60	6.32	
800—4400-030LF	G	C	4-40 UNC-2A	.156	200	100	--	--	3	20	28	7.13	6.11	5.09	
800—4403-030LF	G	C	4-40 UNC-2A	.125	200	100	--	--	3	20	28	4.63	3.86	3.47	
800—4400-000LF	G	C	4-40 UNC-2A	.156	200	100	--	--	3	20	28	7.11	6.08	5.54	
800—4400-007LF	G	C	4-40 UNC-2A	.156	200	1,000	--	5	20	35	45	8.33	6.94	6.25	
800—4403-037LF	G	C	4-40 UNC-2A	.125	200	1,000	--	5	20	35	45	8.52	7.30	6.99	
800—4400-037LF	G	C	4-40 UNC-2A	.156	200	1,000	--	5	20	35	45	8.33	6.94	6.25	
800—4400-032LF	G	C	4-40 UNC-2A	.156	200	1,200	--	5	20	35	45	6.84	5.85	5.33	
800—4403-033LF	G	C	4-40 UNC-2A	.125	100	2,700	--	10	25	40	50	8.69	7.24	6.52	
800—4400-033LF	G	C	4-40 UNC-2A	.156	100	2,700	--	10	25	40	50	8.78	7.53	6.98	
800—4400-004LF	G	C	4-40 UNC-2A	.156	100	5,000	--	15	30	45	55	8.94	7.45	6.70	
800—4400-034LF	G	C	4-40 UNC-2A	.156	100	5,000	--	15	30	45	55	10.28	8.81	8.41	
800—4261-001LF	G	Pi	4-40 UNC-2A	.156	50	5,500	--	14	55	70	--	15.77	13.14	11.83	
800—4400-035LF	G	C	4-40 UNC-2A	.156	50	10,000	4	21	35	50	60	9.07	7.77	7.43	
800—4403-035LF	G	C	4-40 UNC-2A	.125	50	10,000	4	21	35	50	60	9.15	7.63	6.86	
800—4400-089LF	G	C	4-40 UNC-2A	.156	50	10,000	4	21	35	50	60	9.24	7.92	6.60	
800—4400-060LF	G	L	4-40 UNC-2A	.156	50	27,000	10	28	45	65	70	10.76	8.97	8.07	
800—4403-040LF	G	C	4-40 UNC-2A	.125	50	27,000	10	28	42	65	65	10.48	8.97	8.55	
800—4400-057LF	G	L	4-40 UNC-2A	.156	50	50,000	15	35	52	70	--	11.18	9.32	8.39	
800—4402-018LF	G	C	6-32 UNC-2A	.156	50	100,000	22	40	47	65	65	11.03	9.44	8.35	
800—4200-000LF	H	Pi	6-40 UNF-2A	.125	200	1,500	--	5	40	60	60	11.00	9.17	8.25	
800—4200-005LF	H	Pi	6-40 UNF-2A	.125	200	3,000	--	8	50	70	70	19.26	16.50	13.75	
800—4205-002LF	G	Pi	8-32 UNC-2A	.187	125	65	--	--	3	16	45	8.38	6.98	6.28	
800—4201-000LF	G	Pi	8-32 UNC-2A	.187	100	1,500	--	5	45	65	70	8.47	7.26	6.05	
800—4201-001LF															