

## EP48XX

- For PC Mounted Applications
- Meets MIL-C-15305 Grade 1, Class 0
- Inductance Range from 10  $\mu$ H to 100 mH
- L & Q measured with HP4195
- Transfer-Molded Epoxy

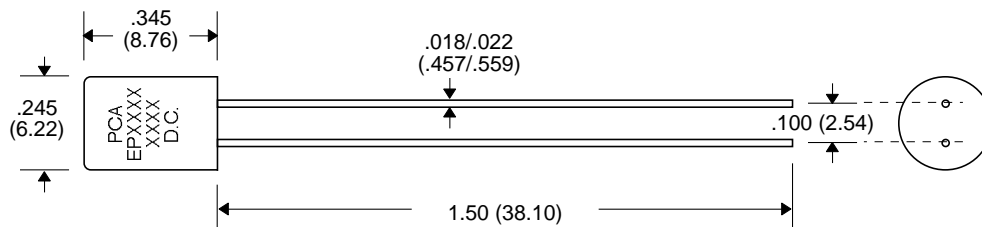
### Electrical Specifications @ 25°C

PCA Part Number	OCL (mH $\pm$ 10%)	DCR (Max.)	Test Voltage	DC Current (mA Max.)	Resonant Frequency	Q (Min.)	Test Frequency
EP4852	.010	0.34	0.0005	500	15 MHz	22	3.5 MHz
EP4853	.015	0.48	0.0005	500	12.5 MHz	21	2.5 MHz
EP2890	.022	0.67	0.0005	500	10 MHz	20	2.5 MHz
EP4854	.033	0.97	0.0005	500	8.2 MHz	19	2.5 MHz
EP4855	.047	1.3	0.0005	500	6.8 MHz	18	2.5 MHz
EP4856	.068	1.8	0.001	500	5.6 MHz	17	2.5 MHz
EP4857	.100	2.55	0.001	420	4.6 MHz	17	2.5 MHz
EP4820	.150	3.7	0.001	330	3.7 MHz	39	790 KHz
EP3001	.220	5	0.001	260	3.0 MHz	38	790 KHz
EP4858	.330	7.3	0.005	200	2.4 MHz	38	790 KHz
EP4859	.470	9.9	0.005	160	2.0 MHz	37	790 KHz
EP4860	.680	14	0.005	130	1.7 MHz	37	790 KHz
EP2629A	1.00	20	0.01	100	1.4 MHz	36	790 KHz
EP4861	1.50	28	0.01	78	1.12 MHz	39	250 KHz
EP4797	2.20	39	0.01	62	920 KHz	37	250 KHz
EP4862	3.30	55	0.05	49	750 KHz	35	250 KHz
EP4863	4.70	76	0.05	39	620 KHz	34	250 KHz
EP4864	6.8	100	0.05	31	520 KHz	32	250 KHz
EP4865	10	140	0.05	24	420 KHz	31	250 KHz
EP2930	15	200	0.05	19	340 KHz	32	79 KHz
EP4866	22	280	0.05	15	280 KHz	27	79 KHz
EP3006	33	400	0.05	12	230 KHz	21	79 KHz
EP4867	47	550	0.1	9.4	190 KHz	18	79 KHz
EP4868	68	760	0.1	7.6	155 KHz	15	79 KHz
EP4869	100	1100	0.1	6	130 KHz	12	79 KHz

### Schematic



### Package



Unless Otherwise Specified Dimensions are in Inches /mm  $\pm$  .010 / .25