

EP9585-X

- 2:1 Inductance swing from 0 ADC to Max. rated DC current •
- 40°C Max. Temperature Rise •
- Available with or without case •

Electrical Parameters @ 25°C

PCA Part Number	Inductance Rated ADC (μH Min.)	Inductance @ 0ADC (μH Min.)	ADC (Amps.)	Test Level @ 15.75 KHz (Vrms)	ET @ 20 KHz (V μSec.)	ET @ 40 KHz (V μSec.)	DCR (Ω Max.)	Lead Dia. Inches ± .005	Package
EP9585-1	17	40	17	1.1	190	130	.0065	.081	3
EP9585-2	32	74	16	2.2	290	200	.0092	.081	4
EP9585-3	60	125	16	3.9	390	270	.012	.081	5
EP9585-4	14	27	10	0.6	135	95	.009	.057	1
EP9585-5	23	46	11	1.1	170	120	.012	.057	2
EP9585-6	43	90	10	1.7	280	195	.018	.057	3
EP9585-7	78	165	10	3.2	430	300	.025	.057	4
EP9585-8	144	275	10	5.7	570	400	.032	.057	5
EP9585-9	32	64	6.5	0.85	200	140	.025	.04	1
EP9585-10	52	97	7	1.5	230	160	.032	.04	2
EP9585-11	98	185	6	2.4	400	280	.048	.04	3
EP9585-12	175	330	6	4.6	620	425	.068	.04	4
EP9585-13	335	600	6	8.5	840	580	.095	.04	5

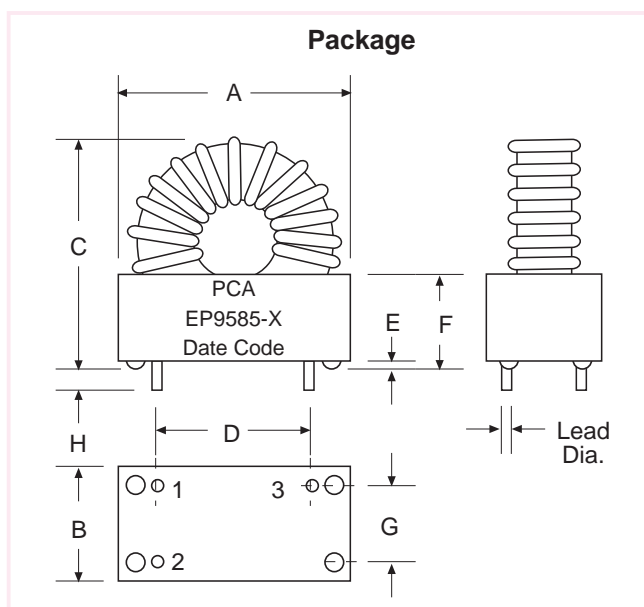
- ADC = Rated DC Current • Pin 3 not connected •

Schematic



Dimensions

Pkg.	(Inches)							
	A	B	C	D	E	F	G	H
1	1.20	.600	1.20	.800	.030	.450	.400	.200
2	1.45	.800	1.45	.900	.030	.700	.600	.200
3	1.60	.800	1.75	.900	.030	.700	.600	.200
4	2.00	.950	2.00	1.20	.030	.900	.700	.200
5	2.30	1.20	2.30	1.50	.030	1.00	.900	.200
Pkg.	(Millimeters)							
	A	B	C	D	E	F	G	H
1	30.48	15.24	30.48	20.32	.762	11.43	10.16	5.08
2	36.83	20.32	36.83	22.86	.762	17.78	15.24	5.08
3	40.64	20.32	44.45	22.86	.762	17.78	15.24	5.08
4	50.80	24.13	50.80	30.48	.762	22.86	17.78	5.08
5	58.42	30.48	58.42	38.10	.762	25.40	22.86	5.08



Documentor/Date

∇d By

Project Engineer/Date

Engineering/Date

Quality Assurance/Date