Thru-Hole Power Inductor

EPI A106 Series

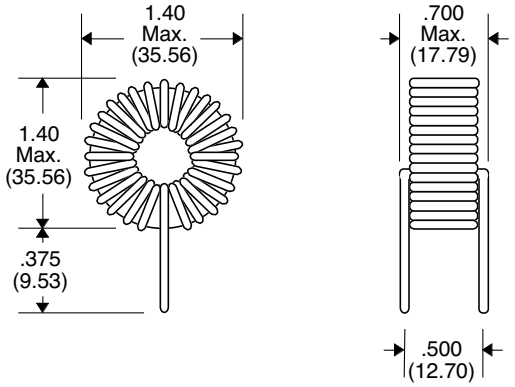
- Low loss material ensures operation in high frequency switching converters, such as Buck, Boost or as output averaging filter inductor
- Also suitable for use in high quality filter applications
- Max. Temperature Rise of 40°C
- Low Cost Inductor

Primary Specification

Part Number	Induct. (μH ± 15%) @ 0 Adc	DCR (Ω Typ.)	I Saturation (Amperes)	I rms (Amperes)	Vt (V-μsec)	Temp.Rise Isat °C (Max.)	Lead Diameter (inch/mm)
EPI0L8433A106	.85	.0005	43	40	10	35.0	.102/2.59
EPI1L5323A106	1.5	.0011	32	30	16	38.03	.081/2.06
EPI2L2263A106	2.2	.0013	26	25	20	5.0	.081/2.06
EPI3L3213A106	3.3	.002	21	20	25	35.0	.072/1.83
EPI4L7183A106	4.7	.003	18	18	30	36.0	.064/1.63
EPI6L0163A106	6.0	.005	16	15	32	40.0	.057/1.45
EPI9L5133A106	9.5	.006	13	12	40	37.0	.057/1.45
EPI150103A106	15	.007	10	10	50	32.0	.057/1.45
EPI200862A106	20	.010	8.6	8.6	60	33.0	.051/1.30
EPI330682A106	33	.013	6.8	6.8	80	31.0	.051/1.30
EPI470592A106	47	.015	5.9	5.9	90	30.0	.051/1.30
EPI550542A106	55	.016	5.4	5.4	100	29.0	.051/1.30
EPI680482A106	68	.02	4.8	4.8	110	29.0	.051/1.30
EPI101392A106	100	.04	3.9	3.9	130	31.0	.040/1.02
EPI151322A106	150	.06	3.2	3.2	160	31.0	.036/.910
EPI221272A106	220	.12	2.7	2.7	200	34.0	.029/.740
EPI281242A106	280	.14	2.4	2.4	220	34.0	.025/.640
EPI331222A106	330	.16	2.2	2.2	240	33.0	.025/.640
EPI471182A106	470	.30	1.8	1.8	290	38.0	.020/.510
EPI681152A106	680	.46	1.5	1.5	340	37.0	.018/.460
EPI102122A106	1000	.88	1.20	1.2	400	40.0	.016/.410

• **Core Loss at Ref. Vt**: 1.28 Watts • **Inductance Change @ Isat :** 20% Max. •

Package



Unless Otherwise Specified Dimensions are in Inches /mm ± .010 /.25

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