

EPI A38HM Series

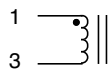
- Low loss material ensures operation in high frequency switching converters, such as Buck, Boost or as output averaging filter inductor
- Also suitable for use in high quality filter applications
- UL 1446 Class B Insulation System
- UL 94V-0 Recognized Material
- In Header Mount Package
- Low Cost Inductor

Primary Specification

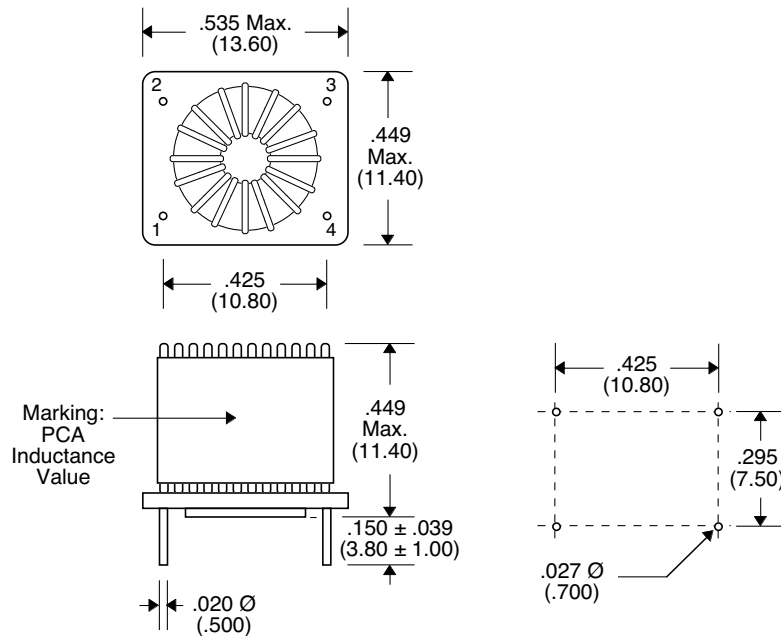
Part Number	Induct. ($\mu\text{H} \pm 20\%$) @ 0 Adc	Induct. ($\mu\text{H} \pm 15\%$) @ I Sat	DCR (Ω Typ.)	I _{dc} (mA)	I Sat (mA)	Core Loss @ Vt (mW)	Vt (V- $\mu\text{Sec.}$) @ 100 KHz	Energy (μJ) @ I Sat	Temp. Rise @ I _{dc} (°C)
EPI100452A38HM	9.6	6.7	.014	4700	4500	32.3	6.6	67.1	35
EPI200322A38HM	19.6	13.5	.032	3200	3200	32.3	9.4	69	39

• Switching Frequency : Up to 500 KHz •

Schematic



Package A38HM



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