

EPI AVM1 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 Vertical Mount Package
- Low Cost Inductor

Primary Specification

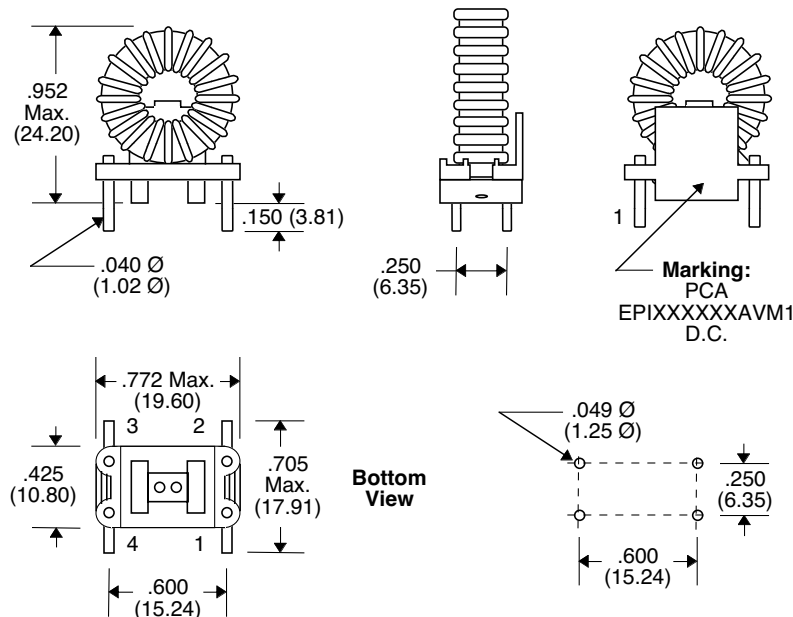
Part Number	Induct. ($\mu\text{H} \pm 20\%$) @ 0 Adc	Induct. ($\mu\text{H} \pm 15\%$) @ I Sat	DCR (Ω Typ.)	I _{dc} (A)	I Sat (A)	Core Loss (mW) @ V _t	V _t (V- $\mu\text{Sec.}$) @ 100 KHz	Energy (μJ) @ I Sat	Temp. Rise @ I _{dc} (°C)
EPI500272AVM1	50.29	35.0	.054	2.6	2.7	33	16.3	128	26.5
EPI101242AVM1	100.38	69.3	.097	2.5	2.4	51	27.5	200	33
EPI151232AVM1	151.69	105.3	.124	2.1	2.3	58	35.7	279	25

• Switching Frequency : Up to 500 KHz •

Schematic



Package AVM1



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