

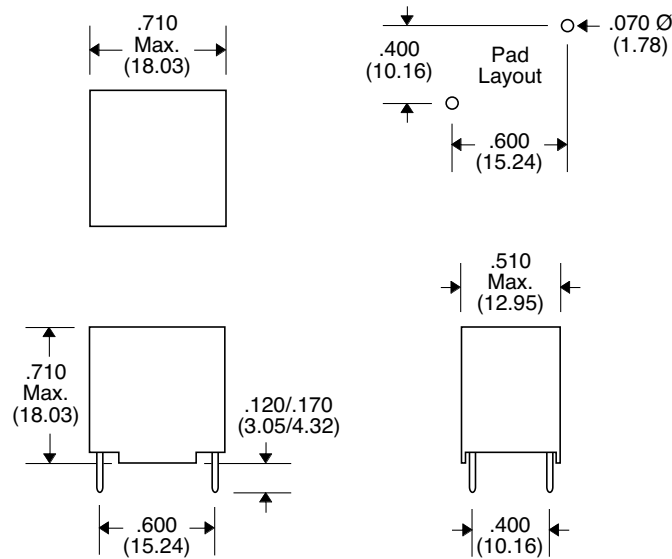
## EPI AV50 Series

- Low loss material ensures operation in high frequency switching converters, such as Buck, Boost or as output averaging filter inductor
- Inductor with varying Volt-Seconds and Low Core Loss
- Also suitable for use in high quality filter applications
- 50 KHz to 500 KHz Switching Frequency
- Low Cost Thru Hole Inductor

### Primary Specification

Part Number	Induct. ( $\mu\text{H} \pm 20\%$ ) @ 0 Adc	DCR ( $\Omega$ Typ.)	Induct. ( $\mu\text{H} 15\%$ ) @ Idc	Idc (mA)	Vt1 (V- $\mu\text{Sec}$ )	Temp.Rise @ Vt1 $^{\circ}\text{C}$ (Typ.)
EPI151172AV50	220	0.21	150	1700	96.2	41
EPI221152AV50	326	0.31	220	1500	96.2	46
EPI331102AV50	430	0.57	330	1000	111.6	39
EPI471901AV50	636	0.70	470	900	134.7	40
EPI681851AV50	1002	0.87	680	850	169.3	42
EPI821751AV50	1155	1.17	820	750	182.7	41
EPI102501AV50	1216	1.20	1000	500	186.6	25

### Package AV50



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