

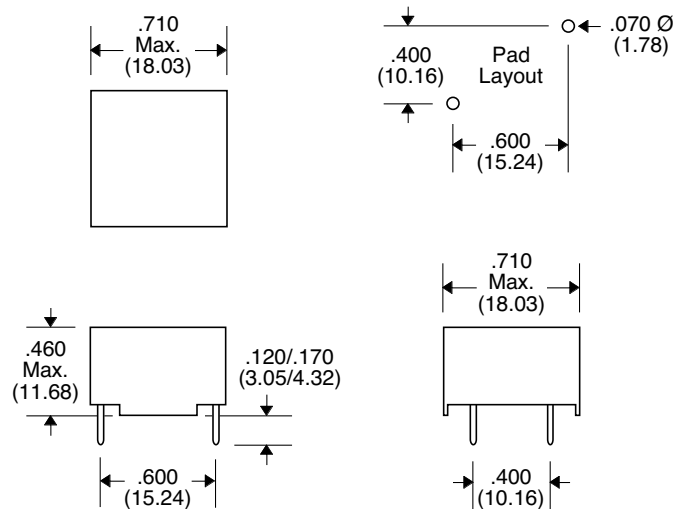
## EPI AH50 Series

- 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
- Low Cost & Low Profile Thru Hole Inductor
- 50 KHz to 500 KHz Switching Frequency

### 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.)
EPI151172AH50	220	0.21	150	1700	96.2	41
EPI221152AH50	326	0.31	220	1500	96.2	46
EPI331102AH50	430	0.57	330	1000	111.6	39
EPI471901AH50	636	0.70	470	900	134.7	40
EPI681851AH50	1002	0.87	680	850	169.3	42
EPI821751AH50	1155	1.17	820	750	182.7	41
EPI102501AH50	1216	1.20	1000	500	186.6	25

### Package AH50



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