

## EPI BHC68 Series



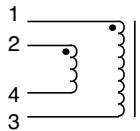
- Low loss material ensures operation in high frequency switching converters, such as Buck, Boost or as output averaging filter inductor
- Also suitable for use in high quality filter applications
- 500 KHz Switching Frequency

### Primary Specification

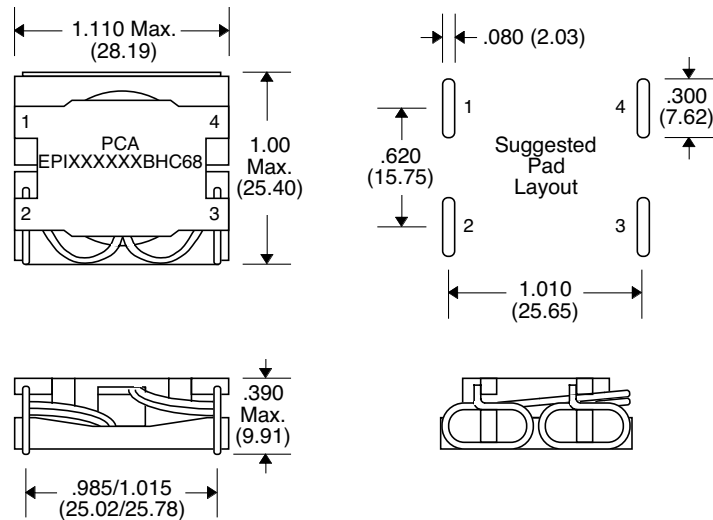
Part Number	Connection	Inductance ( $\mu\text{H} \pm 15\%$ ) @ 0 Idc	DCR ( $\Omega$ Typ.)	Idc (Amps)	Inductance ( $\mu\text{H} \pm 15\%$ ) @ Odc	Vt (V- $\mu\text{sec}$ ) @ 500 KHz	Temp. Rise ( $^{\circ}\text{C}$ Typ.) @ Vt1
EPI2L1223BHC68	Series Parallel	8.55 2.13	.0114 .0028	11.2 22.4	14.00 3.51	6.4 3.2	59 59

• Core Loss @ Ref. Vt : 83 mW •

### Schematic



### Package BHC68



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