

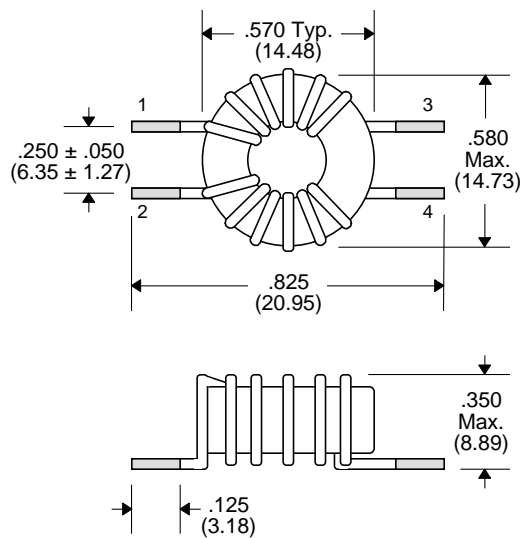
EPA3964 & EPA3964-LF

- 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
- Add “-LF” after part number for Lead Free
- Storage Temperature : -40°C to +125°C
- Operating Temperature : 0°C to +70°C
- UL 1446 Class B Insulation System
- 500 KHz Switching Frequency

Primary Specification

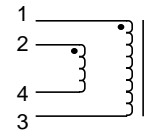
Connection	Inductance ($\mu\text{H} \pm 15\%$) @ I_{dc}	DCR (Typ.)	I_{dc} (Amps)	Inductance ($\mu\text{H} \pm 15\%$) @ I_{dc}	Vt (V- μsec) @ 500 KHz	Temp. Rise (°C Typ.) @ Vt1
Series	2.33	.0046	11.9	3.67	2.0	58
Parallel	0.58	.0011	23.8	0.92	1.0	58

Package



Coplanarity : Within 0.004" Max. (Toe and Heel)

Schematic



Notes :	EPA3964	EPA3964-LF
1. Lead Finish	SnPb	SnCu
2. Peak Temperature Rating	260°C	260°C
3. Moisture Sensitive Levels	MSL = 1 (Unlimited, 30°C/60%RH)	MSL = 1 (Unlimited, 30°C/60%RH)
4. Weight	3.85 grams	3.85 grams
5. Packaging Information (Tray)	80 pieces/tray	80 pieces/tray

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