Current Sense Transformers

EP151XXX & EP151XXX-LF

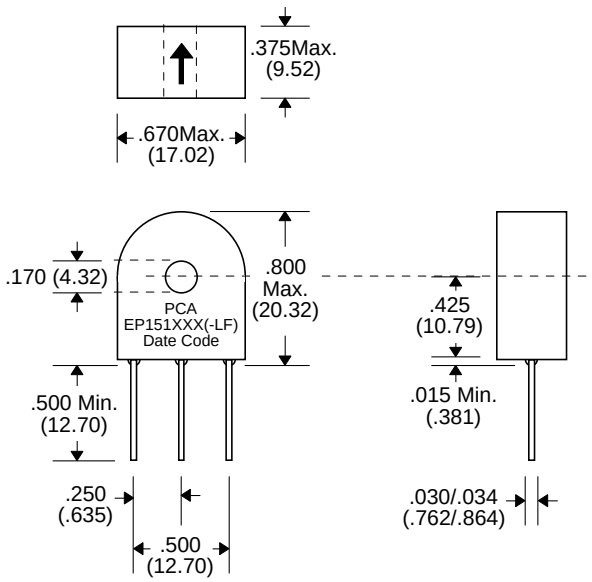


- Frequency Range : 20 KHz to 50 KHz
- Test Conditions :
  Termination : 50 Ω, 100 Ω & 200 Ω for 1 Volt/Ampere Scaling
  Peak Current Sense : 20 Amperes with 40% Duty Factor
- Add "-LF" after part number for Lead-Free

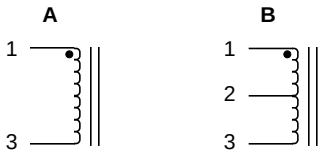
Electrical Parameters @ 25° C

Part Number	Inductance (mH Min.) @ Pins 1 & 3	Turns (± 5%)	DCR (Ω Max.) @ Pins 1 & 3	Schematic
EP151686(-LF)	5	50	0.6	A
EP151687A(-LF)	20	100	1.2	A
EP151688(-LF)	80	200	4.0	A
EP151717(-LF)	5	50 CT	0.6	B
EP151718(-LF)	20	100 CT	1.2	B
EP151719(-LF)	80	200 CT	4.0	B

Package



Schematic



Notes :		EP151XXX	EP151XXX-LF
1. Assembly Process (Solder Composition)	Leadframe :	SnPb or SnAg	Pb Free
	Assembly Solder :	SnAgCu	Pb Free
2. Peak Solder Rating (per IPC/JEDEC-JESD22-B106-B)		260°C 10 (+2/-0) seconds	260°C 10 (+2/-0) seconds
3. Weight	Grams :	TBD	TBD
4. Packaging Information	Tray :	TBD pieces	TBD pieces

Unless Otherwise Specified Dimensions are in Inches /mm ± .010 /.25

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Product performance is limited to specified parameters. Data is subject to change without prior notice.

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