

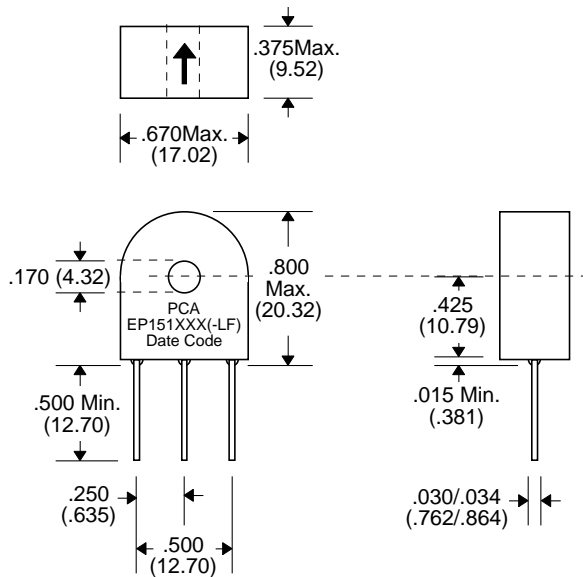


- Frequency Range : 20 KHz to 50 KHz
- Test Conditions :  
Termination : 50 , 100 & 200 for 1 Volt/Ampere Scaling  
Peak Current Sense : 20 Amperes with 40% Duty Factor
- Add “-LF” after part number for Lead-Free

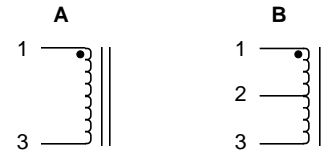
### Electrical Parameters @ 25° C

| Part Number    | Inductance<br>(mH Min.)<br>@ Pins 1 & 3 | Turns<br>(± 5%) | DCR<br>( Max.)<br>@ 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<br>(Solder Composition)            | Leadframe :       | SnPb or SnAg                | Pb Free                     |
|  | Assembly Solder : | SnAgCu                      | Pb Free                     |
| 2. Peak Solder Rating<br>(per IPC/JEDEC-JESD22-B106-B) |                   | 260°C<br>10 (+2/-0) seconds | 260°C<br>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