





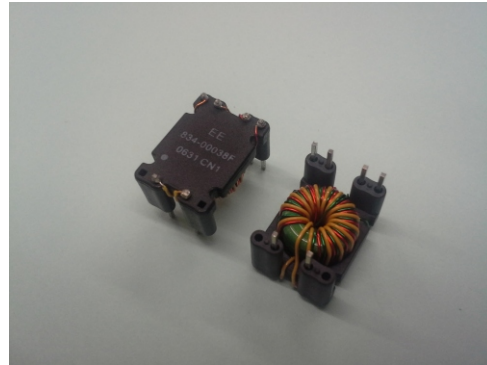


-  High Isolation between Gate and Drive
-  Operation frequency: 50kHz minimum
-  Basic insulation (2.0mm creepage / clearance) and operational insulation is available
-  Operating temperature -40°C to +155°C.
-  RoHS compliant
-  Custom design is also available



ELECTRICAL SPECIFICATION @ 25°C

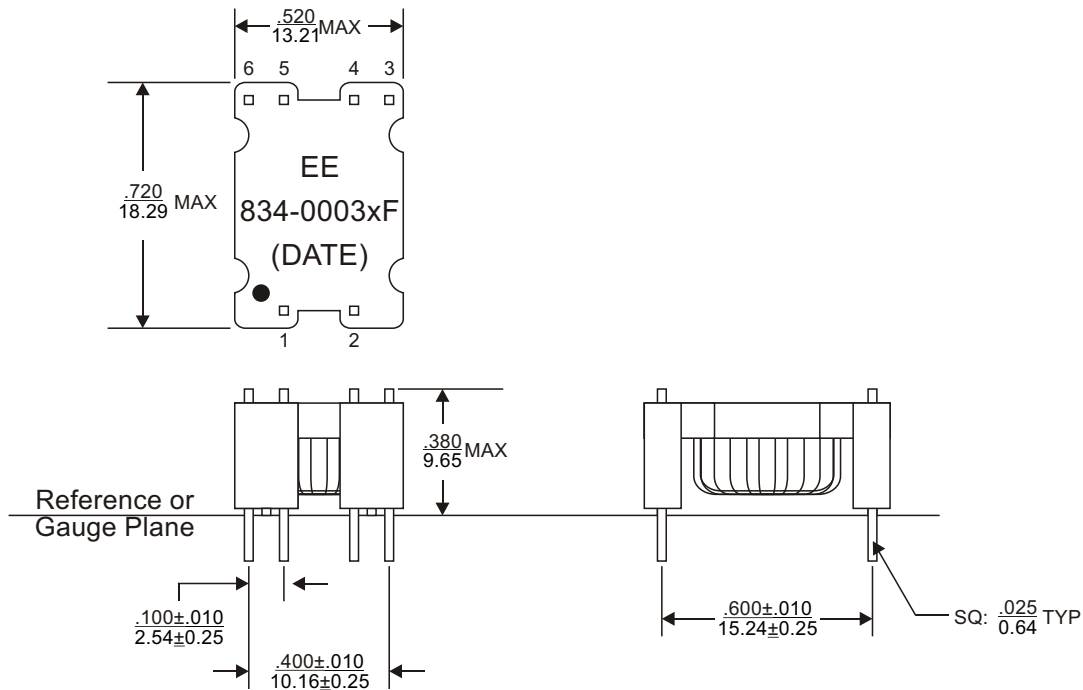
Part Number	Turns Ratio (± 2%)	Primary Inductance (uH Min) ²	Leakage Inductance (uH Max) ³	DCR Primary (m Max)	DCR Secondary (m Max)	Hipot	Package Size (L x W x H) (mm Max)
834-00032F	1 : 1 : 1	495	0.30	300.0	300.0	4242Vdc	18.29 x 13.21 x 14.2
834-00038F ⁶	1 : 1 : 1	860	0.30	300.0	300.0	4242Vdc	18.29 x 13.21 x 14.2

Notes:

1. Ordering Information: 834-000xxFc.
834-000xxF = Part number (F : stands for RoHS compliant).
c = Packaging Code (No code = Tray Packaging).
2. Primary Inductance is tested at 100kHz, 100mV.
3. Leakage inductance is measured at primary terminals with all secondaries shorted.
4. Gate drive current: Peak current is 5A for 0.5usec and average current is 1A maximum.
5. Operating freq.:100kHz typ. with voltage applied to primary will be up to 15V for up to 10usec.
6. Heat shrinkable tube is used for “wrapping” the wound core in order to ensure the clearance(4mm min.) and creepage(5mm min.) are maintained between the pins(which are connected to the insulated wire) and the magnet wire/core.



MECHANICAL DIMENSIONS

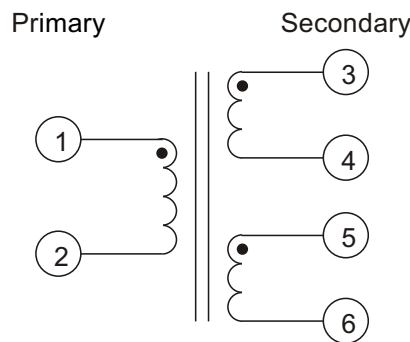


Notes:

- 7. All dimensions are specified in $\frac{\text{inches}}{\text{mm}}$ with higher precedence in mm.
- 8. Unless otherwise specified, all tolerances are $\pm \frac{.010}{0.25}$.

Weight (in gram)	: 3.2 typ.
Tray Packaging	: 63pcs / tray

SCHEMATICS



FOR MORE INFORMATION, PLEASE CONTACT

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