



## SMD TOROIDAL CHOKE

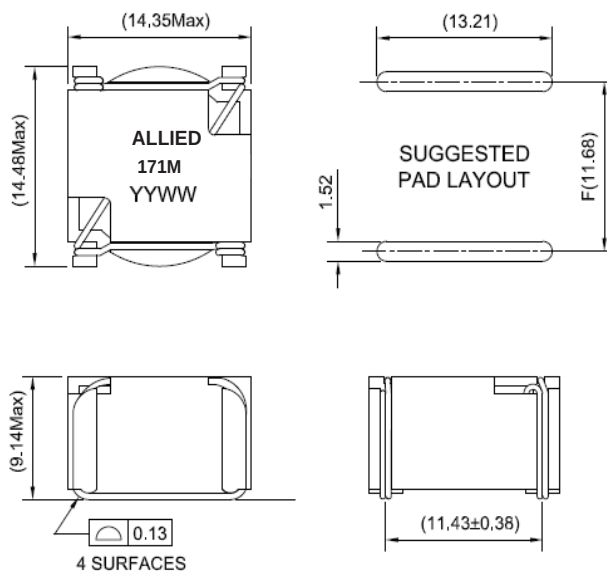
**SMTC3752**

- Excellent EMI characteristics
- Custom Inductances available to meet your exact requirements
- Self Leaded Design ensures reliability
- Operating temperature range: -40°C to +125°C

| Electrical Specifications @25°C |                         |           |           |
|---------------------------------|-------------------------|-----------|-----------|
| Part Number                     | Inductance @100KHz,0.1V | DCR @25°C | Idc       |
| SMTC3752-371M-RC                | 375uH ± 20%             | 1.3 Ω Max | 0.36A Max |
| SMTC3752-251M-RC                | 252uH ± 20%             | 0.9 Ω Max | 0.44A Max |
| SMTC3752-171M-RC                | 173uH ± 20%             | 0.6 Ω Max | 0.54A Max |
| SMTC3752-111M-RC                | 115uH ± 20%             | 0.4 Ω Max | 0.67A Max |
| SMTC3752-780M-RC                | 78uH ± 20%              | 0.3 Ω Max | 0.82A Max |
| SMTC3752-540M-RC                | 54uH ± 20%              | 0.2 Ω Max | 1.0 A Max |
| SMTC3752-380M-RC                | 38uH ± 20%              | 0.1 Ω Max | 1.2 A Max |
| SMTC3752-260M-RC                | 26uH ± 20%              | 0.1 Ω Max | 1.48A Max |
| SMTC3752-180M-RC                | 18uH ± 20%              | .06 Ω Max | 1.81A Max |

All specifications subject to change without notice.

## MECHANICAL



Unless otherwise specified all tolerances are:±0.25 in mm

## SCHEMATICS

