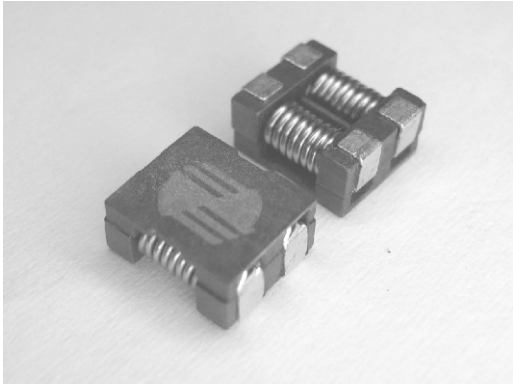
Elec & Eltek依利安達
E & E Magnetic Products Limited

Common Mode Choke

SMT, Low Profile, RoHS

- Common mode impedance surpasses 300Ω and 700Ω at 100MHz.
- Applicable for the miniaturization required to reduce the size and weight of portable equipment.
- Rated voltage up to: 57V.
- Operating temperature: -25°C to +85°C.
- RoHS compliant.



Electrical Specification @ 25°C

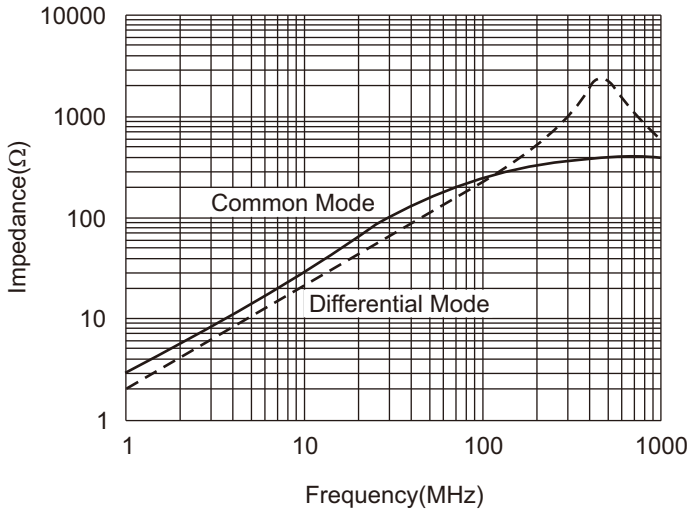
Part Number	Impedance[1] at 100MHz (Ω Min)	Impedance at 100MHz (Ω Typ)	DCR (mΩ Max)	Rated Current Idc (A Max)	Insulation Resistance (MΩ Min)	Rated Volatge Edc (V Max)	Marking (32-xxx)
832-00550F	225	300	10	5	10	50	32-550
832-00541F	500	700	15	4	10	57	32-541

Notes:

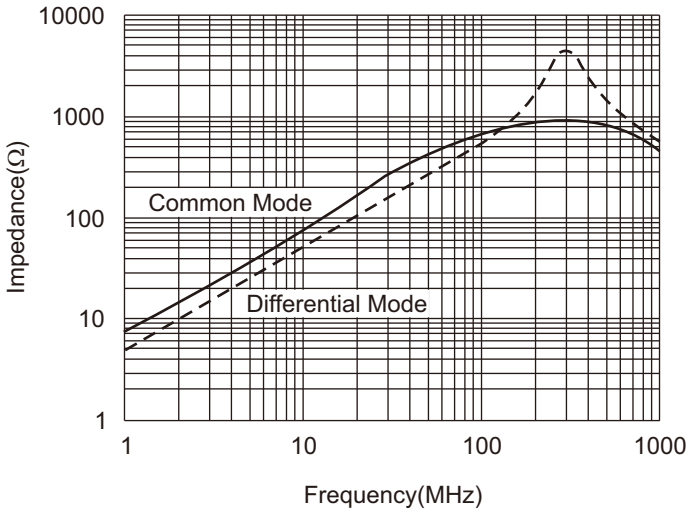
1. Inductance is measured at 100MHz.
2. The part temperature (ambient temperature + temperature rise) should not exceed the upper limit of the operating temperature under worst case operating conditions. Circuit design, component placement, PWB trace size and thickness, airflow and other cooling provisions all affect the part temperature. Part temperature should be verified in the end application.

Typical Impedance Curves

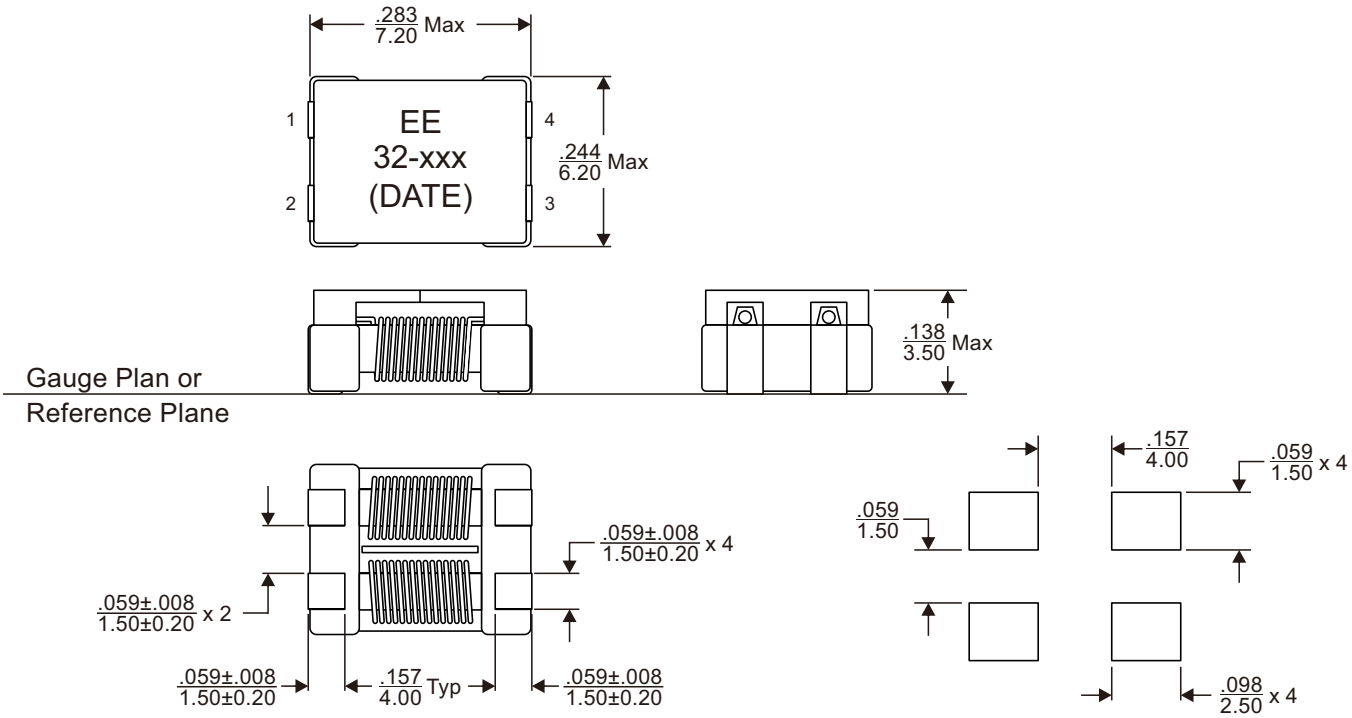
832-00550



832-00541



MECHANICAL DIMENSIONS

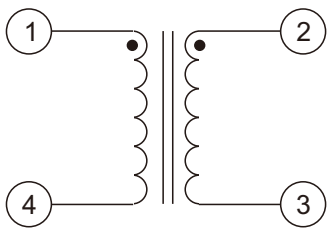


Notes:

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

Weight (in gram)	:	3.15 typ.
Tape & Reel	:	2000 / reel

SCHEMATICS



FOR MORE INFORMATION, PLEASE CONTACT

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