

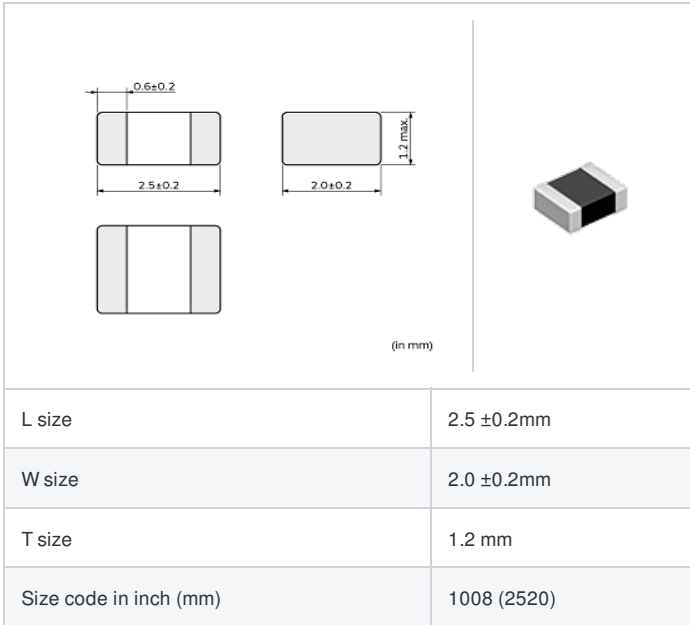
DFE252012PD-R33M#

indicates a package specification code.



< List of part numbers with package codes >
DFE252012PD-R33M=P2

Shape



Notes

Rated current (I_{sat}) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C.)
Rated current (I_{temp}) is specified when temperature of inductor the is raised 40°C by DC current. (The ambient reference temperature is 20°C.)

References

| Packaging code | Specifications | Minimum quantity |
|----------------|-------------------------|------------------|
| =P2 | φ 180mm Embossed taping | 3000 |

| Mass (Typ.) | |
|-------------|---------|
| 1 piece | 0.0284g |

Specifications

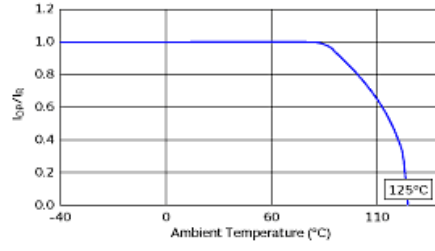
| | |
|---|--------------|
| Inductance | 0.33μH ±20% |
| Inductance test frequency | 1MHz |
| Rated current (I _{sat}) (Based on Inductance change) | 6000mA |
| Rated current (I _{temp}) (Based on Temperature rise) | 4600mA |
| Max. of DC resistance | 0.023Ω |
| Operating temperature range (Self-temperature rise is included) | -40~125°C |
| Class of magnetic shield | Metal Alloy |
| Absolute maximum voltage | 20V DC |
| Series | DFE252012P_D |

Attention

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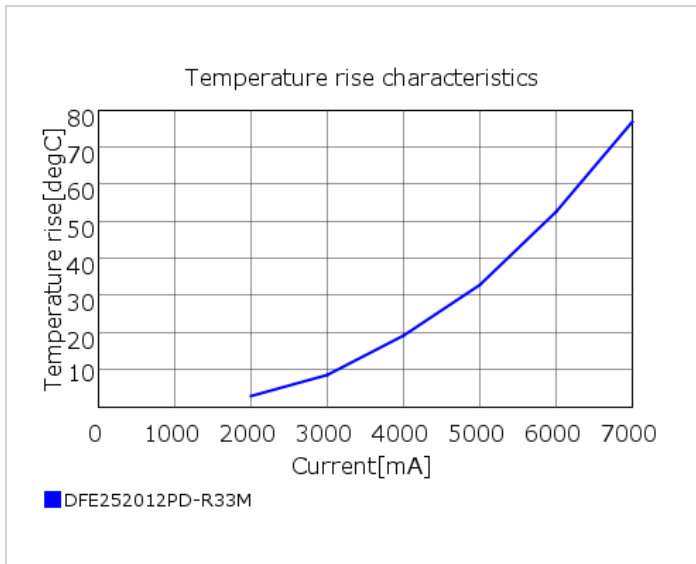
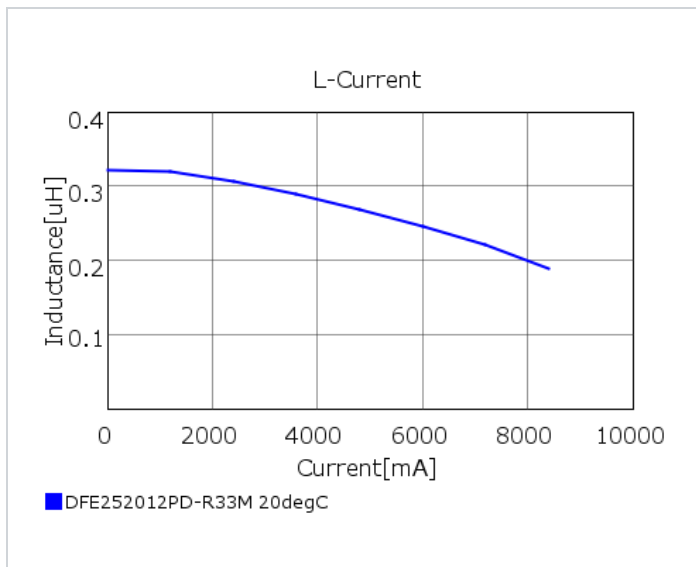
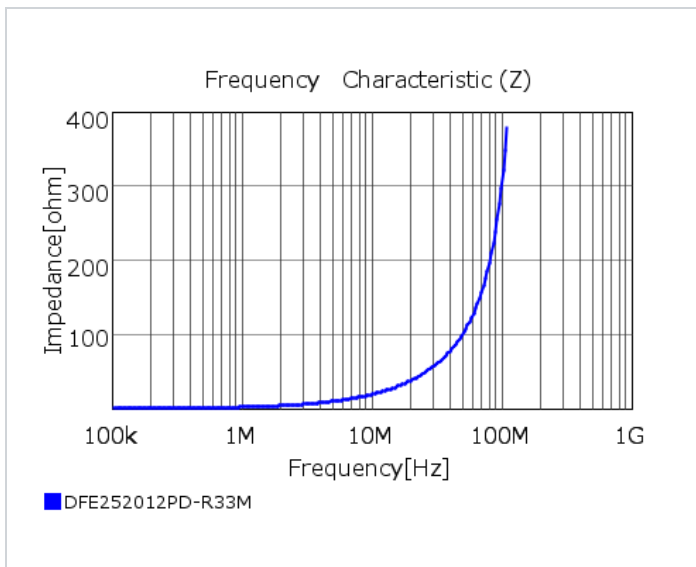
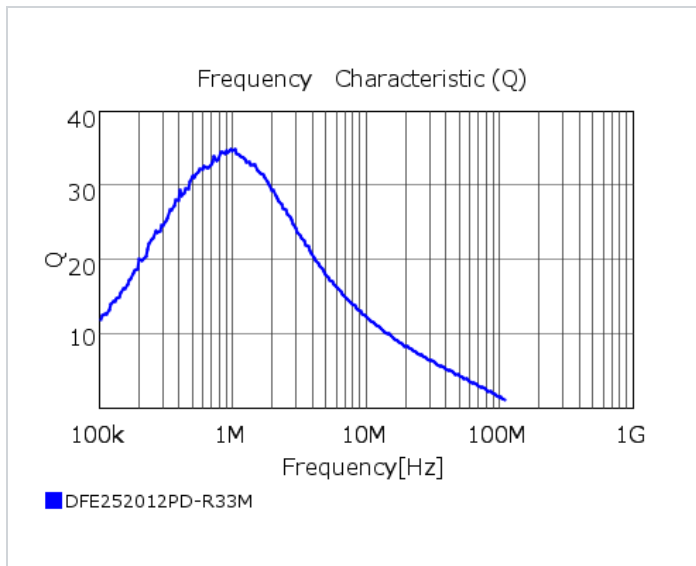
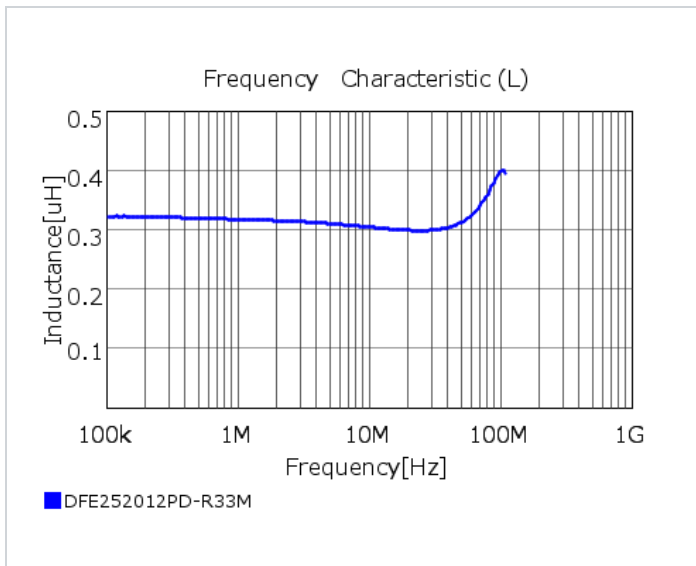
Max. current (DC, AC) as function of ambient temperature
(derating curve).

Derating of Rated Current



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