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DFEG10040D-1R5M#

"#"at the end indicates the package specification code.

Discontinued | AEC-Q200 | RoHS | REACH | 125 °C max. | Wound (Metal) | Reflow OK

< List of part numbers with package codes >

DFEG10040D-1R5M=P3

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Automotive infotainment/comfort equipment,Automotive powertrain/safety equipment,Medical equipment [GHTF A/B/C] except for implant & surgery & auto injector Please refer to Our Website and specifications, etc. for information about the performance, functions, quality, management, and safety required for the above applications, and use Products after confirming the performance and reliability of the actual Product.
Recommended Applications	Automotive powertrain/safety equipment

Notices

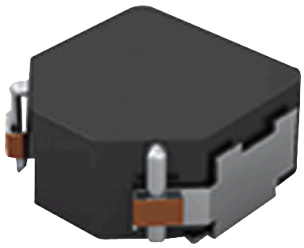
Rated current (Isat) is specified when the decrease of the initial inductance value at 20%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.

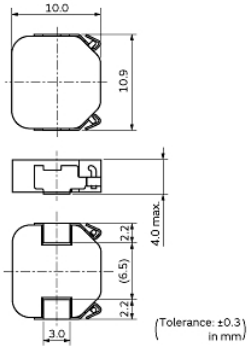
References

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	500

Mass (typ.)	
1 piece	2.1295g

Appearance & Shape





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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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Specifications

L size	10.9±0.3mm
W size	10.0±0.3mm
T size	4.0mm
Size code inch (mm)	4339 (109100)
Inductance	1.5μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	14000mA
Rated current (Itemp) (Based on Temperature rise)	14000mA
Max. of DC resistance	0.005Ω
Operating Temperature Range (Self-temperature rise is included)	-40℃ to 125℃
Class of magnetic shield	Shielded（Metal Alloy）
Absolute maximum voltage	50Vdc
Brand	Murata
Series	DFEG10040D

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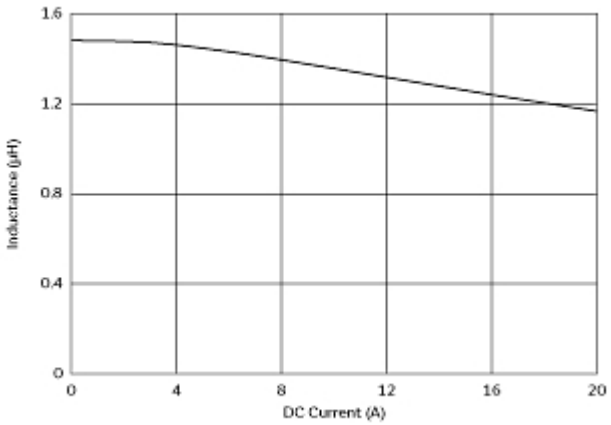
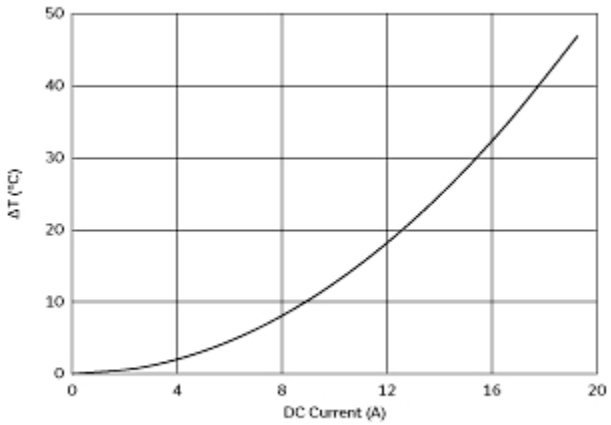
Characteristic Data



Impedance - Current Characteristics



Temperature Increase Characteristic

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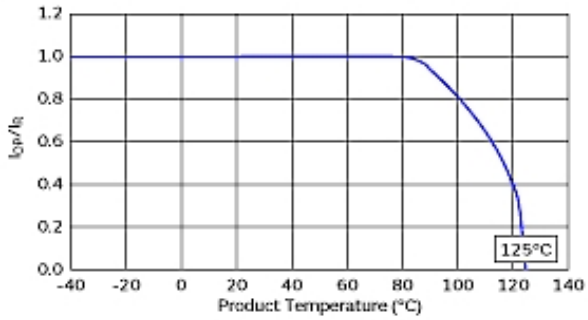
Notice For General

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

Derating of Rated Current



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