DFEG7030D-8R2M#

"#" indicates a package specification code.









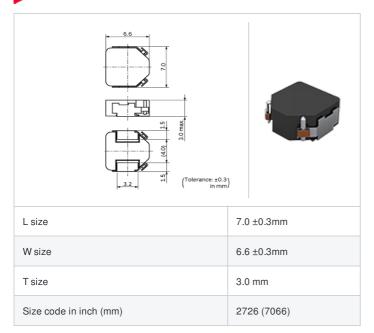






< List of part numbers with package codes > DFEG7030D-8R2M=P3

Shape





Notes

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 code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	1000

Mass (Typ.)		
1 piece		0.6614g

Specifications

Inductance	8.2μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	3200mA
Rated current (Itemp) (Based on Temperature rise)	3100mA
Max. of DC resistance	0.078Ω
Operating temperature range (Self-temperature rise is included)	-40 to 125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	50Vdc
Series	DFEG7030D

1 of 3



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2. This datasheet has only typical specifications because there is no space for detailed specifications

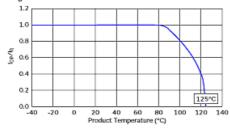
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Max. current (DC, AC) as function of product temperature (derating curve).

Derating of Rated Current



2 of 3



Attention

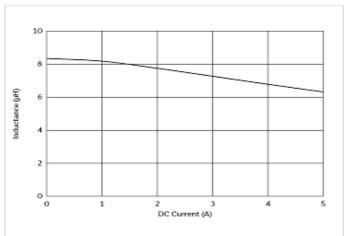
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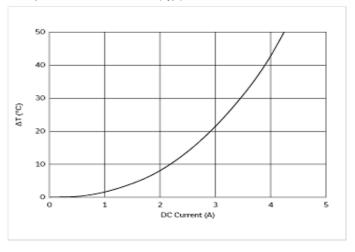
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



3 of 3



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