DFE2HCAH1R0MJ0#

"#" indicates a package specification code.











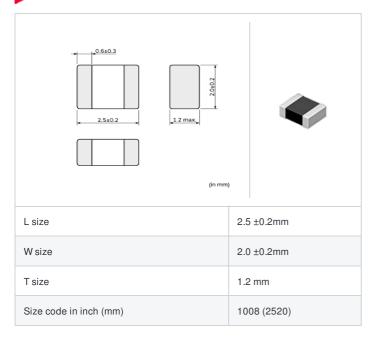






< List of part numbers with package codes > DFE2HCAH1R0MJ0L

Shape





Rated current (Isat) is specified when the decrease of the initial inductance value at 30%.

Rated current (Itemp) is specified when temperature of the inductor is raised 40 °C by DC current.

Keep the temperature (ambient temperature plus self-generation of heat) under 150°C.

References

Packaging code	Specifications	Minimum quantity
L	φ180mm Embossed taping	3000

	Mass (Typ.)	
1 piece		0.0324g

Specifications

Inductance	1.0µH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	3.4A
Rated current (Itemp) (Based on Temperature rise)	3A
Max. of DC resistance	0.050Ω
Operating temperature range (Self-temperature rise is included)	-40°C to 150°C
Operating temperature range (Self-temperature rise is not included)	-40°C to 110°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30V DC
Series	DFE2HCAH_J0

1 of 2



^{1.} This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.

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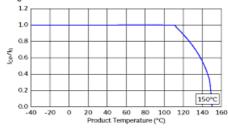


^{2.} This datasheet has only typical specifications because there is no space for detailed specifications



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

Derating of Rated Current



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Attention

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