

DFE252012R-H-2R2M#

"#" indicates a package specification code.

In Production
General
85 °C max.
Wound (Metal)
Reflow OK
RoHS
REACH

< List of part numbers with package codes >
DFE252012R-H-2R2M=P2

Shape

(in mm)

L size	2.5 ±0.2mm
W size	2.0 ±0.2mm
T size	1.2 mm
Size code in inch (mm)	1008 (2520)

Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C.)
Rated current (Itemp) 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	φ180mm Embossed taping	3000

Mass (Typ.)	
1 piece	0.0296g

Specifications

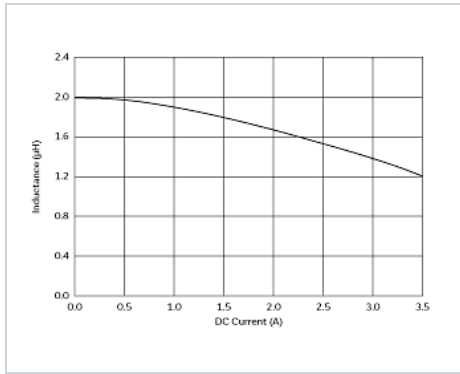
Inductance	2.2μH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	2400mA
Rated current (Itemp) (Based on Temperature rise)	2000mA
Max. of DC resistance	0.090Ω
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	20V DC
Series	DFE252012R

Attention

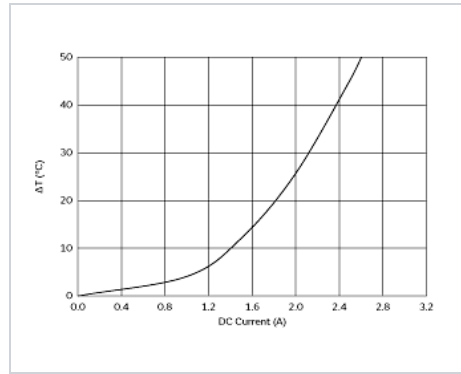
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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