Inductor Data Sheet

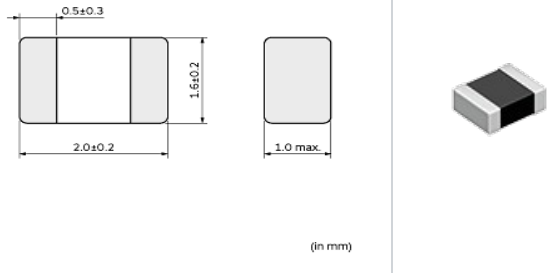
DFE201610P-1R5M#

"#" indicates a package specification code.

In Production | General | 125 °C max. | Wound (Metal) | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
DFE201610P-1R5M=P2

Shape



L size	2.0 ±0.2mm
W size	1.6 ±0.2mm
T size	1.0 mm
Size code in inch (mm)	0806 (2016)

Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20℃.)
Rated current (Itemp) is specified when temperature of inductor the is raised 40℃ by DC current. (The ambient reference temperature is 20℃.)

References

Packaging code	Specifications	Minimum quantity
=P2	ϕ180mm Embossed taping	3000

Mass (Typ.)	
1 piece	0.0151g

Specifications

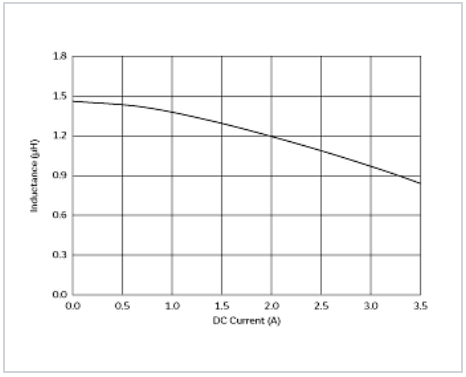
Inductance	1.5µH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	2500mA
Rated current (Itemp) (Based on Temperature rise)	1800mA
Max. of DC resistance	0.110Ω
Operating temperature range (Self-temperature rise is included)	-40～125℃
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	20V DC
Series	DFE201610P

Attention

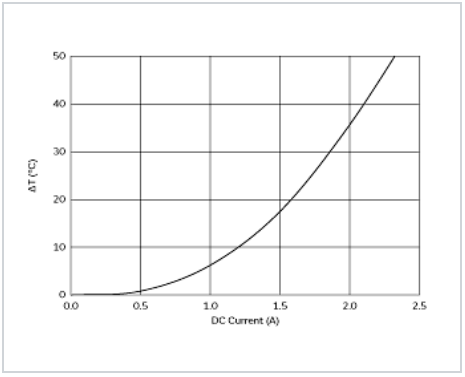
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

- Inductance-Current characteristics (Typ.)



- Temperature rise characteristics (Typ.)



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