Inductor Data Sheet

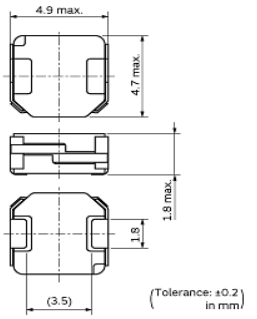
DD1235AS-H-4R3M#

"#" indicates a package specification code.

In Production | General | 105 °C max. | Wound (Ferrite) | Reflow OK | RoHS | REACH

< List of part numbers with package codes >
DD1235AS-H-4R3M=P3

Shape



L size	4.7 ±0.2mm
W size	4.5 ±0.2mm
T size	1.8 mm
Size code in inch (mm)	1818 (4745)

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 the inductor is raised 40℃ by DC current. (The ambient reference temperature is 20℃)

References

Packaging code	Specifications	Minimum quantity
=P3	ϕ330mm Embossed taping	2000

Mass (Typ.)	
1 piece	0.168g

Specifications

Inductance	4.3μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	2000mA
Rated current (Itemp) (Based on Temperature rise)	2000mA
Max. of DC resistance	0.084Ω
Avg. of DC resistance	0.070Ω+20%/-30%
Operating temperature range (Self-temperature rise is included)	-40～105℃
Class of magnetic shield	Ferrite Core
Series	DEM4518C_DD

Attention

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

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

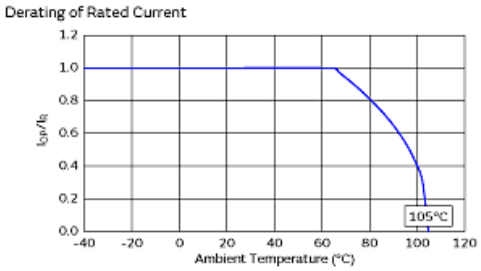

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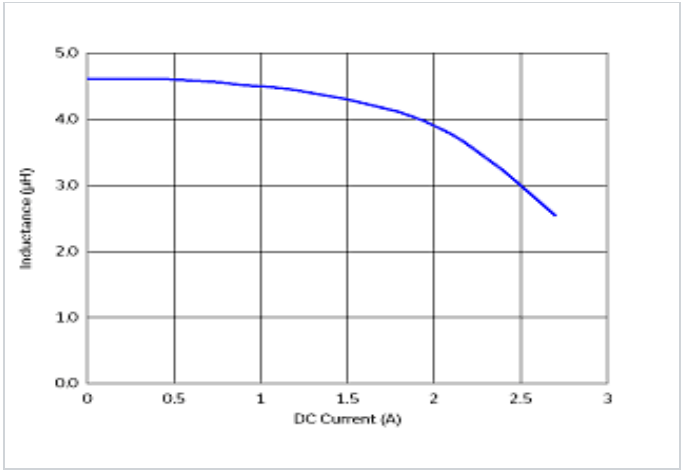
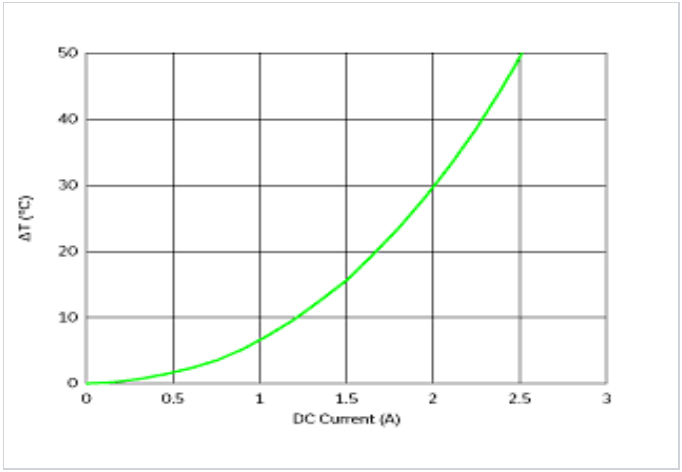
Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

- Inductance-Current characteristics (Typ.)



- Temperature rise characteristics (Typ.)



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