Inductor Data Sheet

1255AY-220M#

"#" indicates a package specification code.

In Production | General | 85℃ | Wound (Ferrite) | RoHS | REACH

< List of part numbers with package codes >
1255AY-220M=P3

Shape

(in mm)

L size	6.0 ±0.3mm
W size	6.0 ±0.3mm
T size	4.5 mm
Size code in inch (mm)	2424 (6060)

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	1500

Mass (Typ.)	
1 piece	0.562g

Specifications

| Inductance	22µH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	2000mA
Rated current (Itemp) (Based on Temperature rise)	1900mA
Max. of DC resistance	0.1176Ω
Operating temperature range (Self-temperature rise is included)	-40～85℃
Class of magnetic shield	Magnetic Resin

⚠ Attention

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URL : http://www.murata.com/

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

Inductance-Current characteristics (Typ.)
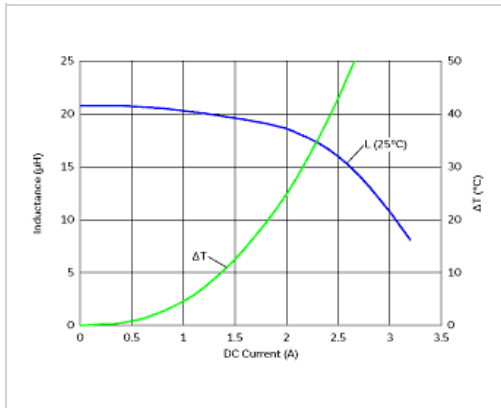
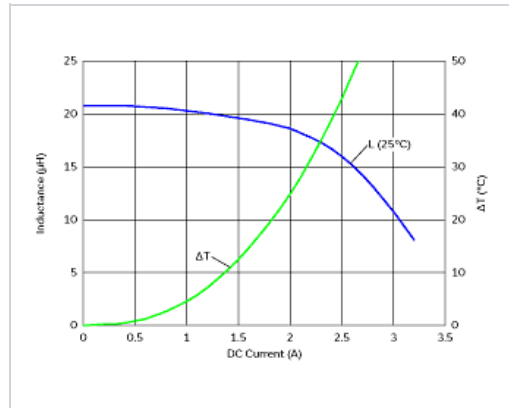## Temperature rise characteristics (Typ.)

⚠ Attention

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2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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