Inductor Data Sheet

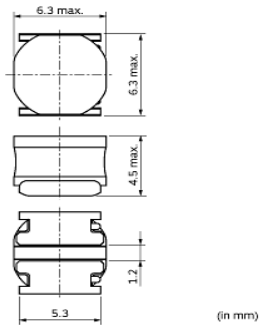
1255AY-220M#

"#" indicates a package specification code.

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

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

Shape





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

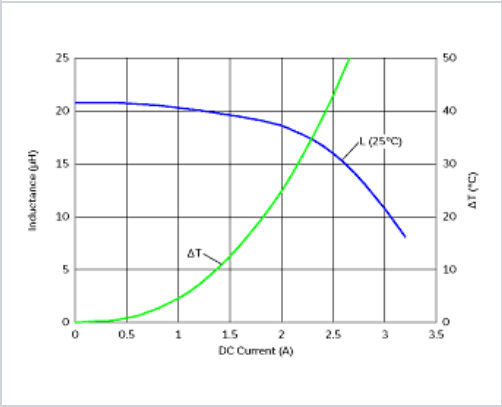
Inductance	22μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	2000mA
Rated current (Itemp) (Based on Temperature rise)	1900mA
Max. of DC resistance	0.1176Ω
Operating temperature range (Self-temperature rise is included)	-40～85℃
Class of magnetic shield	Magnetic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

Attention

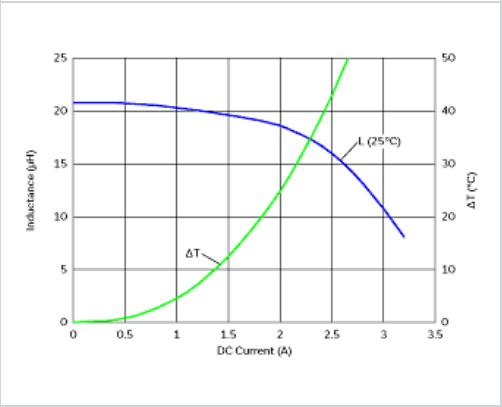
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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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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