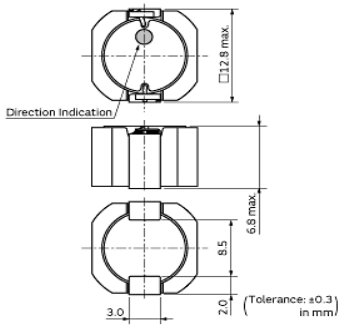
Inductor Data Sheet

#B953AS-180M=P3

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

< List of part numbers with package codes >
#B953AS-180M=P3

Shape





L size	12.5 ±0.3mm
W size	12.5 ±0.3mm
T size	6.8 mm
Size code in inch (mm)	4949 (125125)

Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 10%. (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
=P3	ϕ330mm Embossed taping	500

Mass (Typ.)	
1 piece	3.688g

Specifications

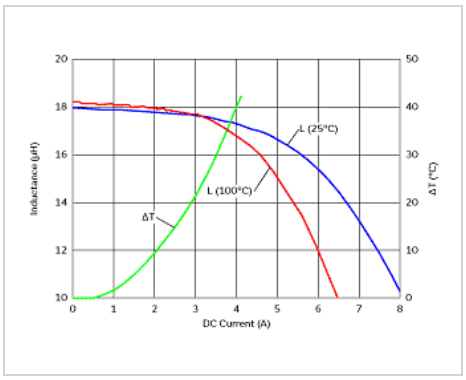
Inductance	18μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	4100mA
Rated current (Itemp) (Based on Temperature rise)	3200mA
Max. of DC resistance	0.040Ω
Operating temperature range (Self-temperature rise is included)	-40～85℃
Class of magnetic shield	Ferrite Core
Series	DS126C2

Attention

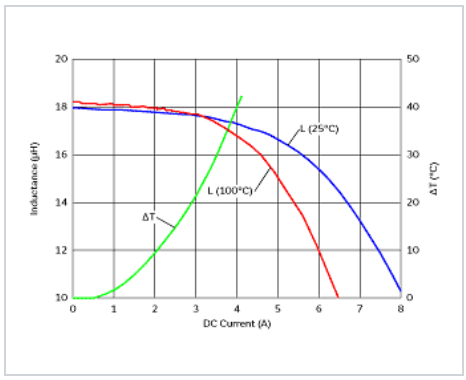
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2.This datasheet has only typical specifications because there is no space for detailed specifications.
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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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