

#B953AS-820M=P3

In Production
General
85 °C max. (Ferrite)
Wound (Ferrite)
Reflow OK
RoHS
REACH

< List of part numbers with package codes >
#B953AS-820M=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%.
Rated current (Itemp) is specified when temperature of the inductor is raised 40 °C by DC current.

References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	500

Mass (Typ.)	
1 piece	3.688g

Specifications

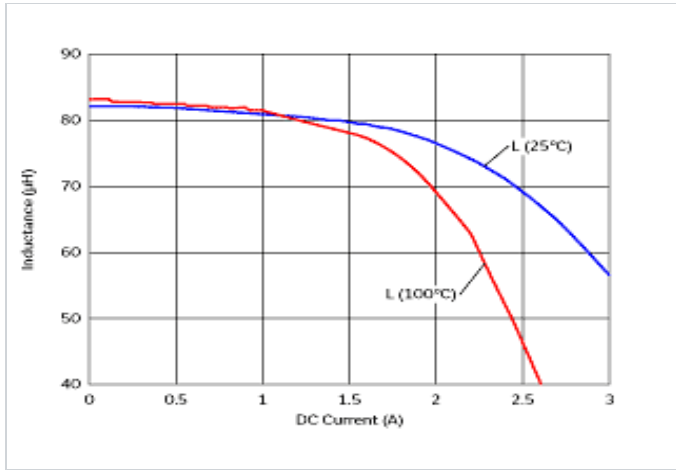
Inductance	82μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1600mA
Rated current (Itemp) (Based on Temperature rise)	1600mA
Max. of DC resistance	0.145Ω
Operating temperature range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	DS126C2

Attention

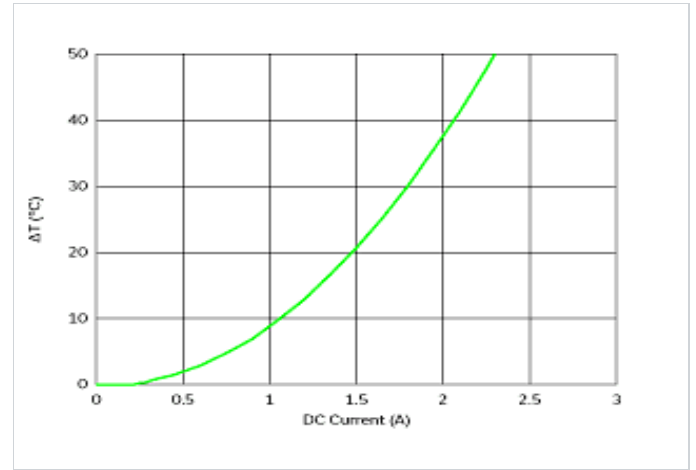
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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