

#B953AS-5R6N=P3



< List of part numbers with package codes >
#B953AS-5R6N=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 (I_{sat}) is specified when the decrease of the initial inductance value at 10%. (The ambient reference temperature is 20°C.)
Rated current (I_{temp}) is specified when temperature of inductor the is raised 40°C by DC current. (The ambient reference temperature is 20°C.)

References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	500

Mass (Typ.)	
1 piece	3.688g

Specifications

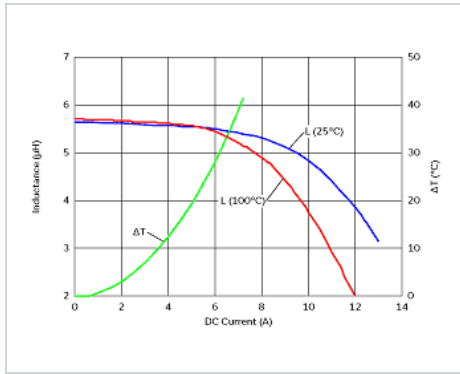
Inductance	5.6μH ±30%
Inductance test frequency	0.1MHz
Rated current (I _{sat}) (Based on Inductance change)	6800mA
Rated current (I _{temp}) (Based on Temperature rise)	5600mA
Max. of DC resistance	0.016Ω
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Ferrite Core
Series	DS126C2

Attention

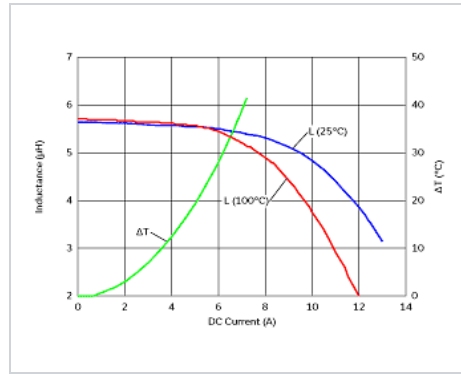
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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