

B1047AS-2R7N#

indicates a package specification code.

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

< List of part numbers with package codes >
B1047AS-2R7N=P3

Shape

L size	7.3 ± 0.3mm
W size	7.3 ± 0.3mm
T size	5.0 mm
Size code in inch (mm)	2929 (7373)

Notes

Rated current (I_{sat}) is specified when the decrease of the initial inductance value at 30%. (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	1000

Mass (Typ.)	
1 piece	0.975g

Specifications

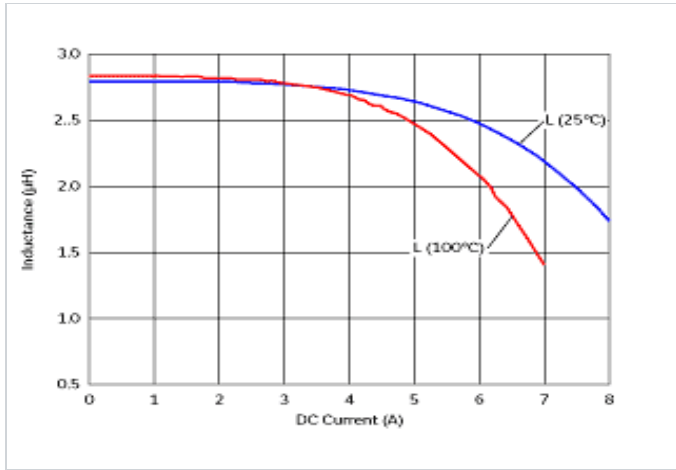
Inductance	2.7μH ±30%
Inductance test frequency	0.1MHz
Rated current (I _{sat}) (Based on Inductance change)	5600mA
Rated current (I _{temp}) (Based on Temperature rise)	5100mA
Max. of DC resistance	0.018Ω
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Ferrite Core
Series	DS75LC

Attention

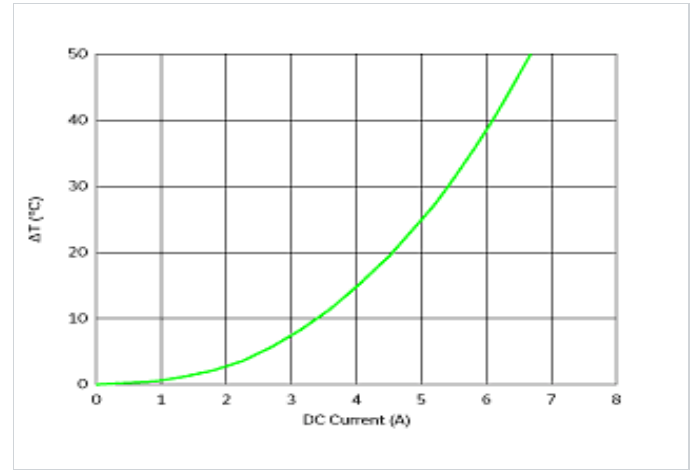
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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