

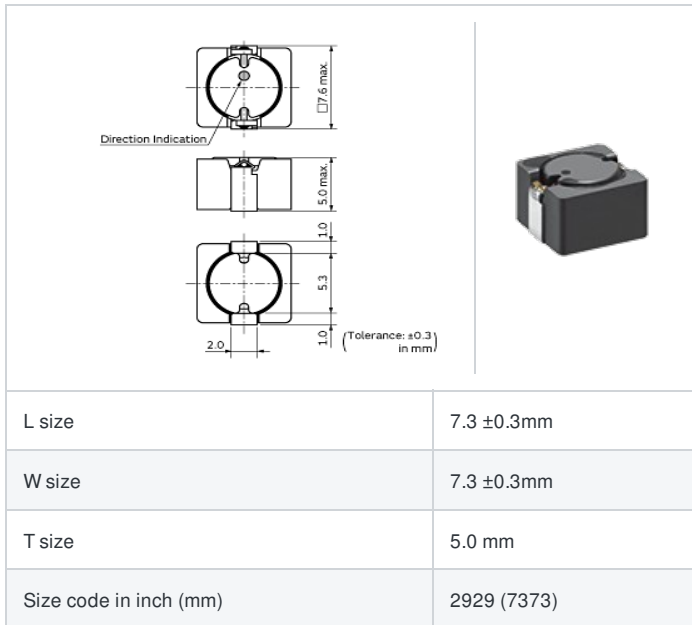
B1047AS-120M#

"#" indicates a package specification code.



< List of part numbers with package codes >
B1047AS-120M=P3

Shape



Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C.)
Rated current (Itemp) 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

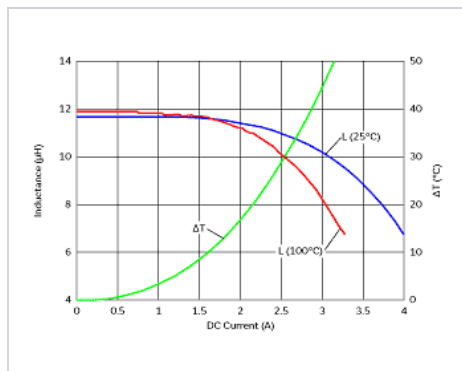
Specifications

Inductance	12μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	2700mA
Rated current (Itemp) (Based on Temperature rise)	2400mA
Max. of DC resistance	0.063Ω
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Ferrite Core
Series	DS75LC

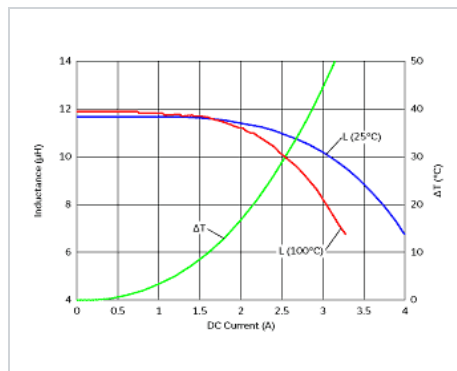
Attention

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 - 2.This datasheet has only typical specifications because there is no space for detailed specifications.
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■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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