

MBH12282C-102MA#

"#" indicates a package specification code.



< List of part numbers with package codes >
MBH12282C-102MA=P3

Shape

L size	12.5 mm
W size	12.5 mm
T size	8.5 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 25°C)
Rated current (I_{temp}) is specified when temperature of the inductor is raised 40°C by DC current. (The ambient reference temperature is 25°C)

References

Packaging code	Specifications	Minimum quantity
=P3	φ 330mm Embossed taping	300

Mass (Typ.)	
1 piece	4.5825g

Specifications

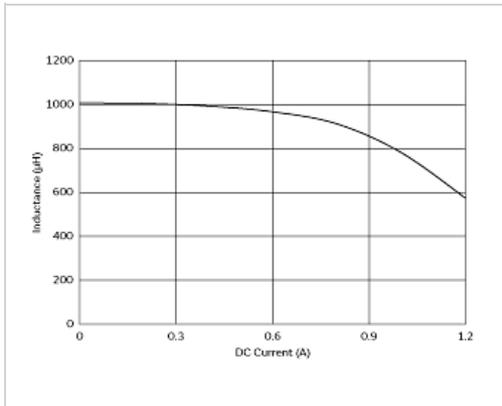
Inductance	1000μH ±20%
Inductance test frequency	0.1MHz
Rated current (I _{sat}) (Based on Inductance change)	560mA
Rated current (I _{temp}) (Based on Temperature rise)	590mA
Max. of DC resistance	1.2600Ω
Avg. of DC resistance	1.05Ω±20%
Operating temperature range (Self-temperature rise is included)	-40~150°C
Class of magnetic shield	Ferrite Core

⚠ Attention

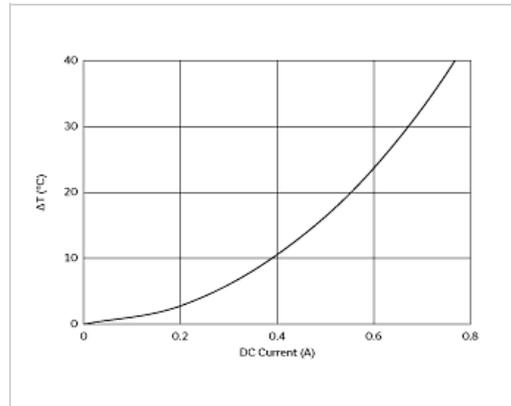
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

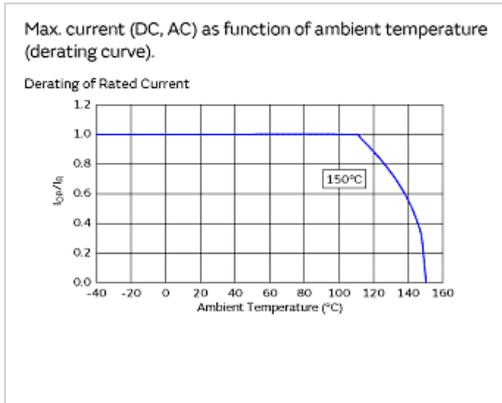
▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



▪ Notice (Rating)



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