

# MBH10145C-150MA#

# indicates a package specification code.



< List of part numbers with package codes >  
 MBH10145C-150MA=P3

## Shape

L size	10.4 mm
W size	10.4 mm
T size	4.8 mm
Size code in inch (mm)	4141 (104104)

## Notes

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 10%.  
 Rated current (I<sub>temp</sub>) 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	1.521g

## Specifications

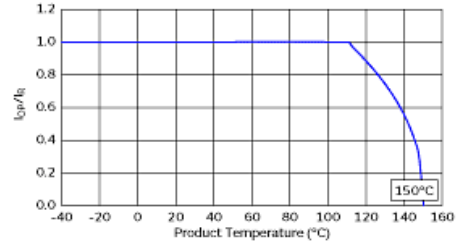
Inductance	15μH ±20%
Inductance test frequency	0.1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	2600mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	2500mA
Max. of DC resistance	0.0576Ω
Avg. of DC resistance	0.048Ω ±20%
Operating temperature range (Self-temperature rise is included)	-40°C to 150°C
Class of magnetic shield	Ferrite Core
Series	MBH10145C

### Attention

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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

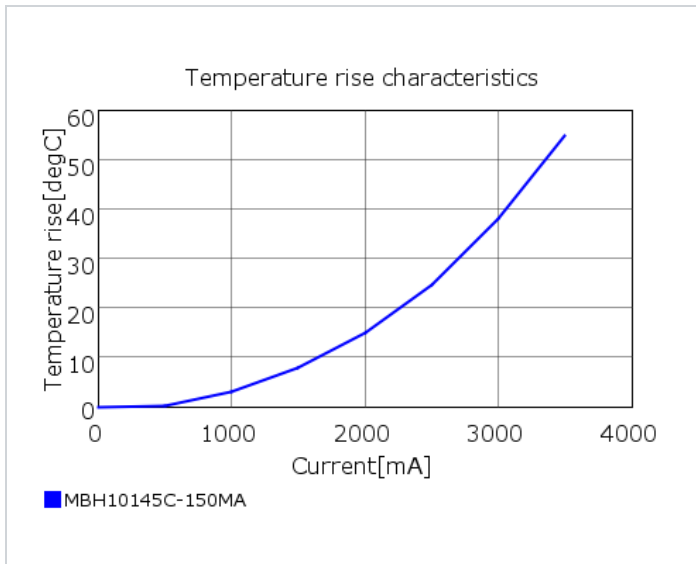
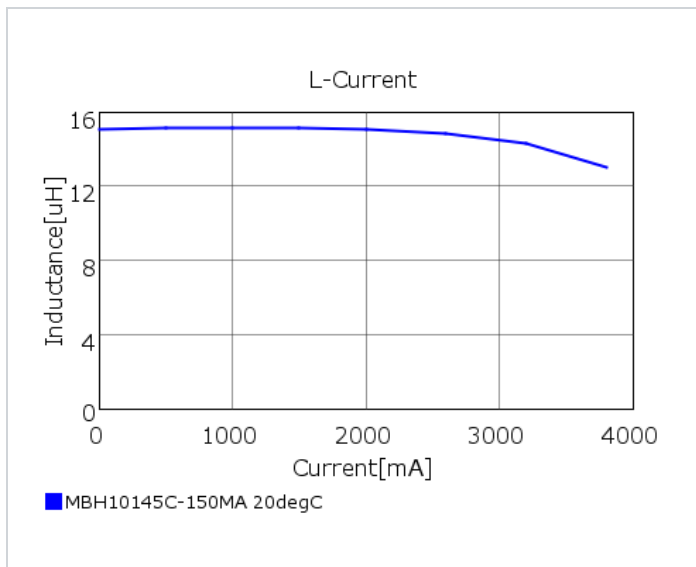
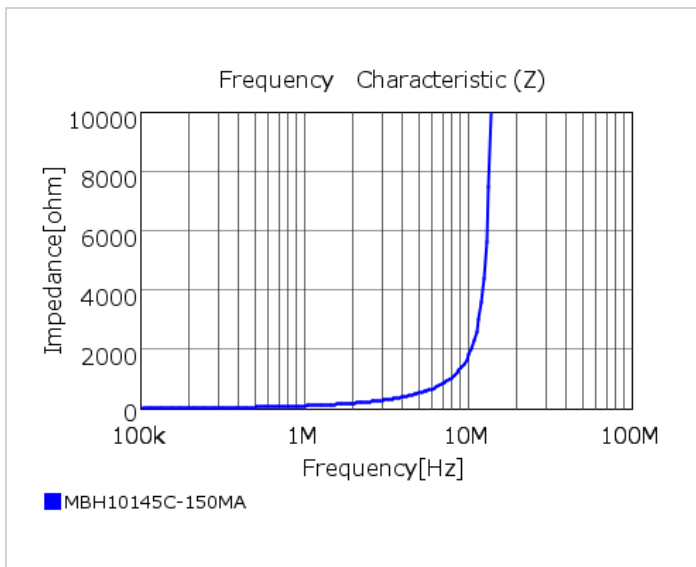
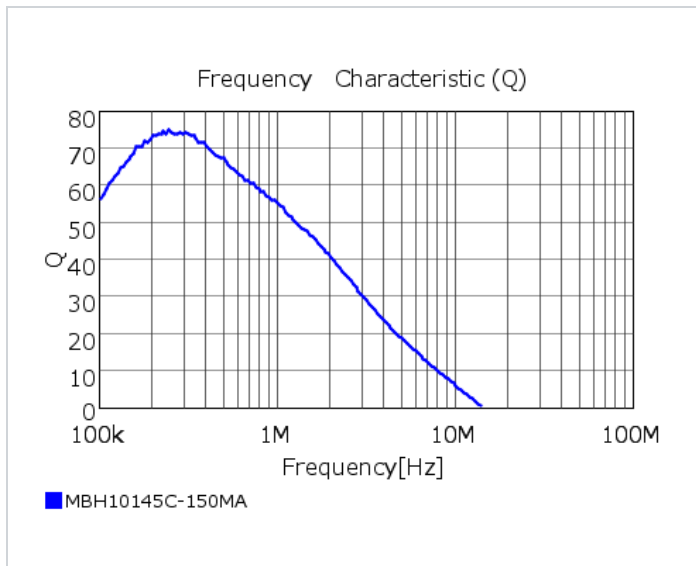
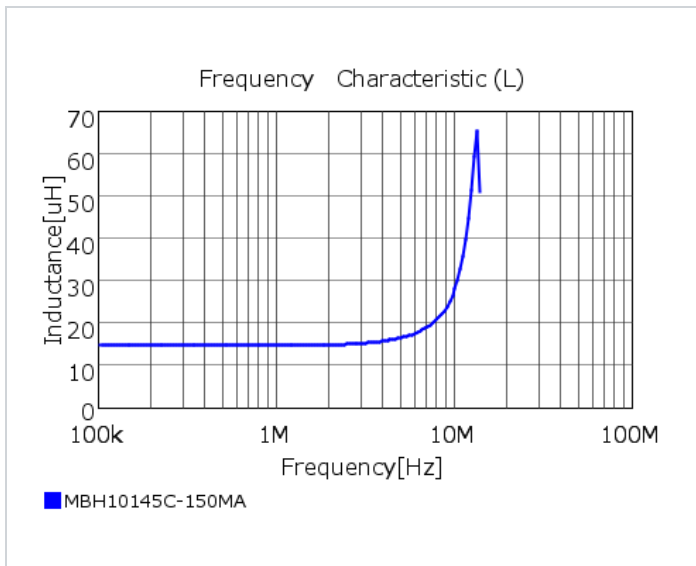
Max. current (DC, AC) as function of product temperature  
(derating curve).

Derating of Rated Current



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