## MBH10145C-470MA# "#" indicates a package specification code.













< List of part numbers with package codes > MBH10145C-470MA=P3

### **Shape**





Rated current (Isat) is specified when the decrease of the initial inductance value at 10%.

Rated current (Itemp) 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	47μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1600mA
Rated current (Itemp) (Based on Temperature rise)	1700mA
Max. of DC resistance	0.1200Ω
Avg. of DC resistance	0.100Ω±20%
Operating temperature range (Self-temperature rise is included)	-40to150°C
Class of magnetic shield	Ferrite Core
Series	MBH10145C

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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

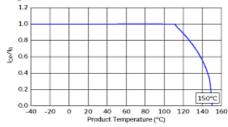


<sup>2.</sup> This datasheet has only typical specifications because there is no space for detailed specifications



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

Derating of Rated Current



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#### **Attention**

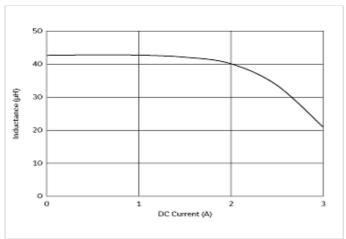
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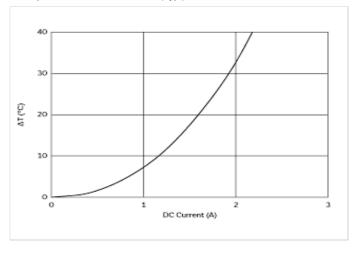
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#### Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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