# MBH12575C-150MA# "#" indicates a package specification code.













< List of part numbers with package codes > MBH12575C-150MA=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	300

Ma	es (Typ.)
1 piece	3.767601g

## **Specifications**

Inductance	15μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	3800mA
Rated current (Itemp) (Based on Temperature rise)	4700mA
Max. of DC resistance	0.0228Ω
Avg. of DC resistance	0.019Ω±20%
Operating temperature range (Self-temperature rise is included)	-40to150°C
Class of magnetic shield	Ferrite Core
Series	MBH12575C

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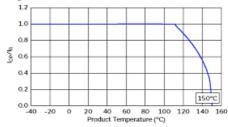


<sup>2.</sup> This datasheet has only typical specifications because there is no space for detailed specifications



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

Derating of Rated Current



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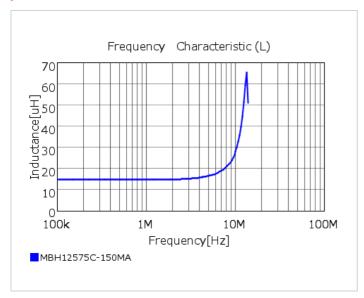


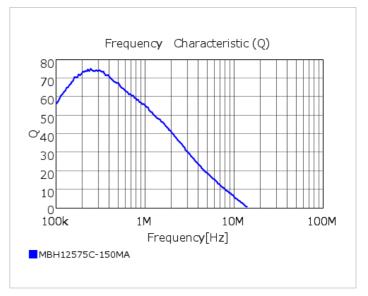
#### **Attention**

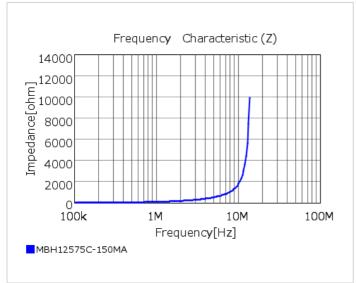
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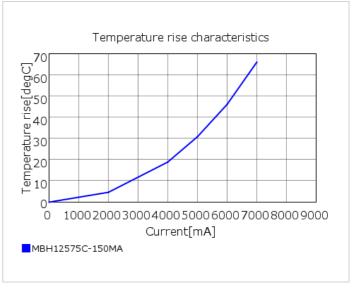
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