# MBH12575C-220MA# "#" indicates a package specification code.















< List of part numbers with package codes > MBH12575C-220MA=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

	Mass (Typ.)	
1 piece		3.767601g

### **Specifications**

Inductance	22μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	3100mA
Rated current (Itemp) (Based on Temperature rise)	4000mA
Max. of DC resistance	0.0324Ω
Avg. of DC resistance	0.027Ω±20%
Operating temperature range (Self-temperature rise is included)	-40°C to 150°C
Class of magnetic shield	Ferrite Core
Series	MBH12575C

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2. This datasheet has only typical specifications because there is no space for detailed specifications

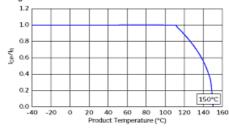
Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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

Derating of Rated Current



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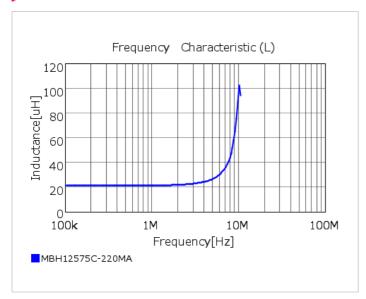


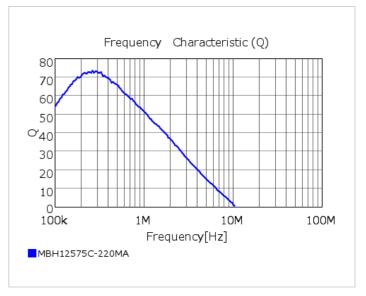
#### **Attention**

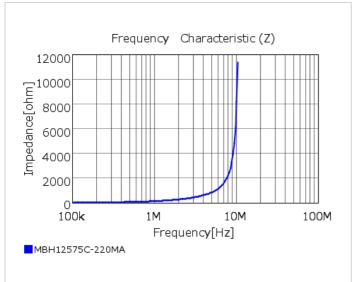
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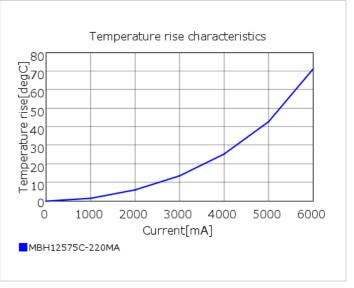
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