## MBH12282C-150MA# "#" indicates a package specification code.









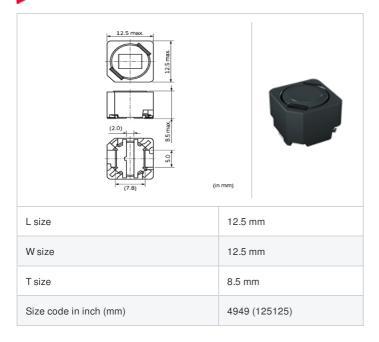






< List of part numbers with package codes > MBH12282C-150MA=P3

### **Shape**





Rated current (Isat) is specified when the decrease of the initial inductance value at 10%. (The ambient reference temperature is 25°C) Rated current (Itemp) is specified when temperature of inductor the is raised 40°C by DC current. (The ambient reference temperature is 25°C)

#### References

Packaging code	Specifications	Minimum quantity
=P3	ф330mm Embossed taping	300

Mass (	(Тур.)
1 piece	4.5825g

### **Specifications**

Inductance	15μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	4400mA
Rated current (Itemp) (Based on Temperature rise)	4700mA
Max. of DC resistance	0.0252Ω
Avg. of DC resistance	0.021Ω±20%
Operating temperature range (Self-temperature rise is included)	-40∼150°C
Class of magnetic shield	Ferrite Core
Series	MBH12282C

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

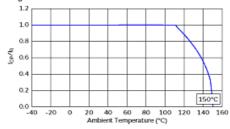
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Max. current (DC, AC) as function of ambient temperature (derating curve).

Derating of Rated Current



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#### **Attention**

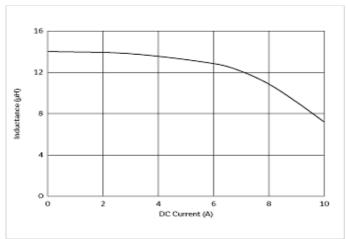
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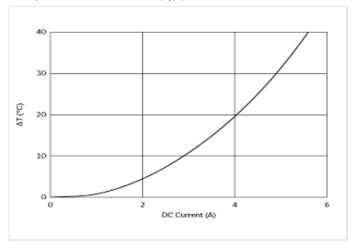
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#### Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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