

DD1274AS-H-8R2M#

*# indicates a package specification code.

In Production
General
105 °C max. (Ferrite)
Wound (Ferrite)
Reflow OK
RoHS
REACH

< List of part numbers with package codes >
DD1274AS-H-8R2M=P3

Shape

L size	10.0 ±0.3mm
W size	10.0 ±0.3mm
T size	5.0 mm
Size code in inch (mm)	3939 (100100)

Notes

Rated current (I_{sat}) is specified when the decrease of the initial inductance value at 30%.
Rated current (I_{temp}) 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	1.9994g

Specifications

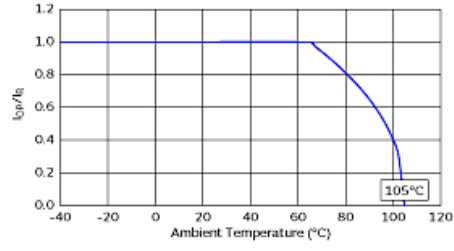
Inductance	8.2μH ±20%
Inductance test frequency	0.1MHz
Rated current (I _{sat}) (Based on Inductance change)	6800mA
Rated current (I _{temp}) (Based on Temperature rise)	4800mA
Max. of DC resistance	0.0264Ω
Avg. of DC resistance	0.0220Ω ±20%
Operating temperature range (Self-temperature rise is included)	-40°C to 105°C
Class of magnetic shield	Ferrite Core
Series	DEM10050C_DD

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 ambient temperature
(derating curve).

Derating of Rated Current

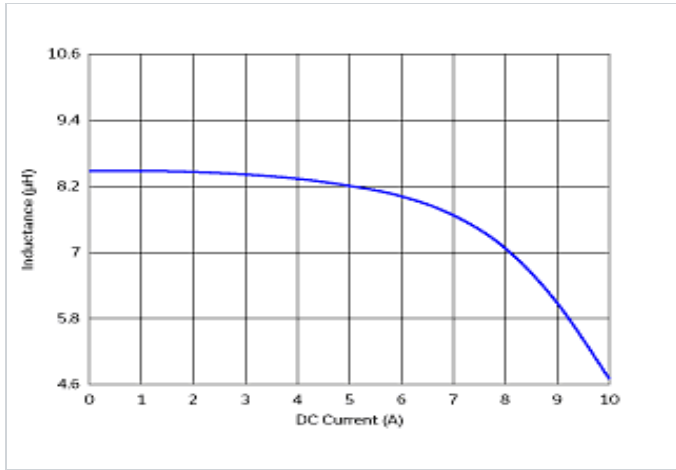


 **Attention**

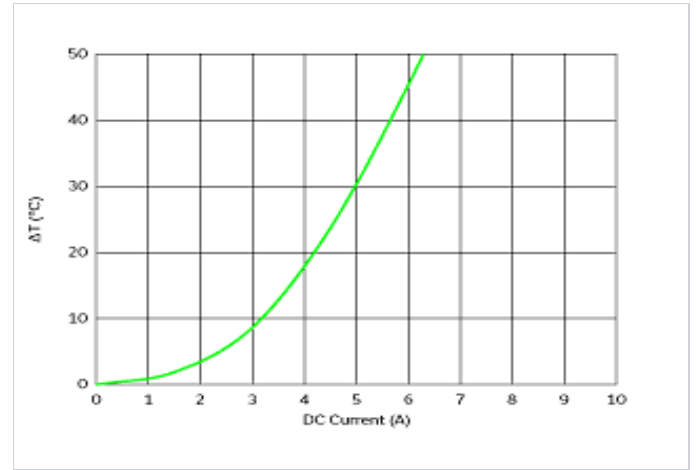
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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