

# DD1217AS-H-5R6N#

"#" indicates a package specification code.

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

< List of part numbers with package codes >  
DD1217AS-H-5R6N=P3

## Shape

L size	8.0 ±0.3mm
W size	8.0 ±0.3mm
T size	4.5 mm
Size code in inch (mm)	3131 (8080)

## Notes

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C)  
Rated current (I<sub>temp</sub>) is specified when temperature of the inductor is raised 40°C by DC current. (The ambient reference temperature is 20°C)

## References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	1000

Mass (Typ.)	
1 piece	1.167g

## Specifications

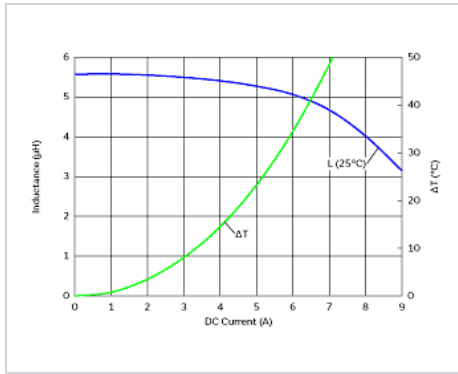
Inductance	5.6μH ±30%
Inductance test frequency	0.1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	6100mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	5400mA
Max. of DC resistance	0.0228Ω
Avg. of DC resistance	0.0190Ω±20%
Operating temperature range (Self-temperature rise is included)	-40~105°C
Class of magnetic shield	Ferrite Core
Series	DEM8045C_DD

### Attention

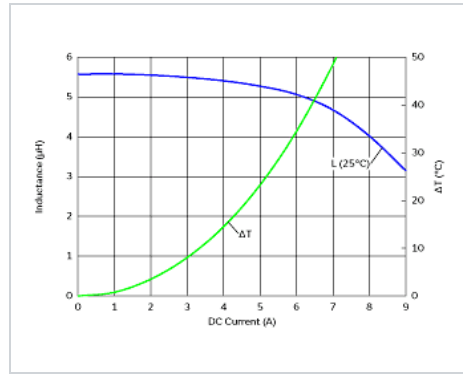
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- 2.This datasheet has only typical specifications because there is no space for detailed specifications. Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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

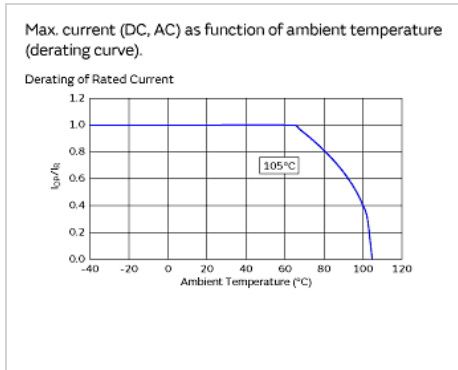
▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



▪ Notice (Rating)



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