

## DD1217AS-H-6R8N#

"#" indicates a package specification code.

In Production

General

105

Wound

C max.

(Ferrite)

Reflow

OK

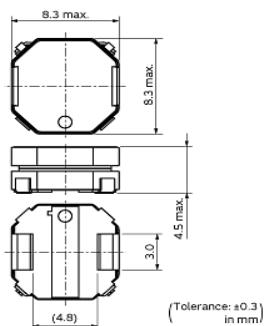
RoHS

REACH

&lt; List of part numbers with package codes &gt;

DD1217AS-H-6R8N=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 (Isat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C)  
 Rated current (Itemp) 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	6.8µH ±30%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	5200mA
Rated current (Itemp) (Based on Temperature rise)	4800mA
Max. of DC resistance	0.0276Ω
Avg. of DC resistance	0.0230Ω ±20%
Operating temperature range (Self-temperature rise is included)	-40~105°C
Class of magnetic shield	Ferrite Core
Series	DEM8045C_DD

## Attention

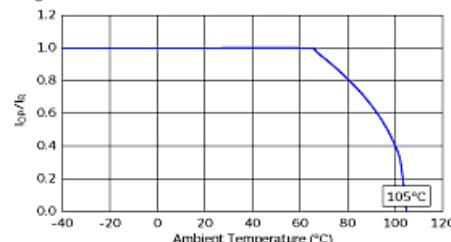
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Max. current (DC, AC) as function of ambient temperature (derating curve).

Derating of Rated Current



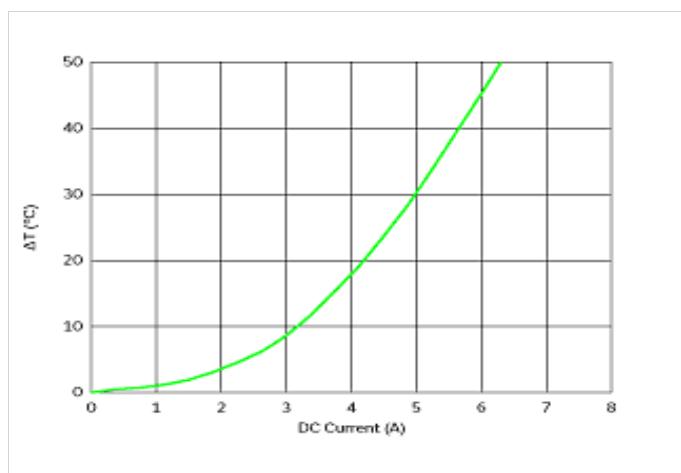
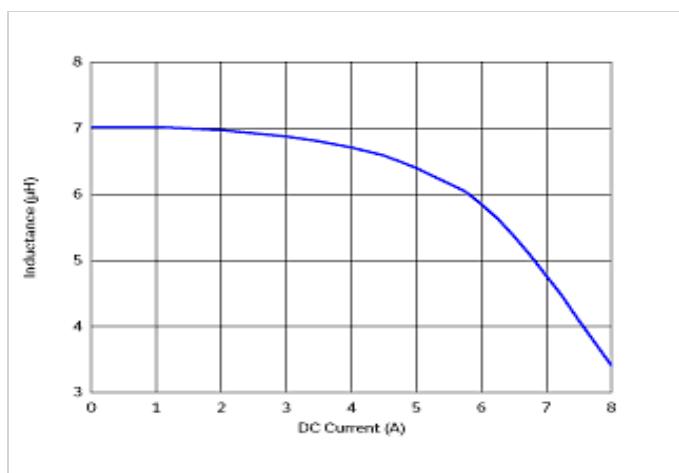
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## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)

■ Temperature rise characteristics (Typ.)



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