

DD1217AS-H-5R6N#

"#" indicates a package specification code.

In Production

General

105

Wound

°C max.

(Ferrite)

Reflow

OK

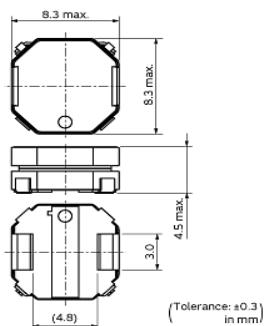
RoHS

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 (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	5.6µH ±30%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	6100mA
Rated current (Itemp) (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

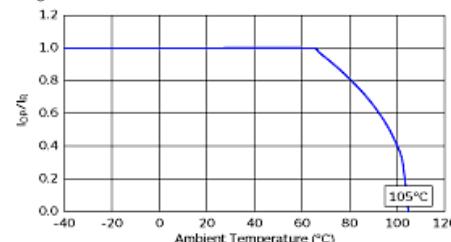
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Max. current (DC, AC) as function of ambient temperature (derating curve).

Derating of Rated Current



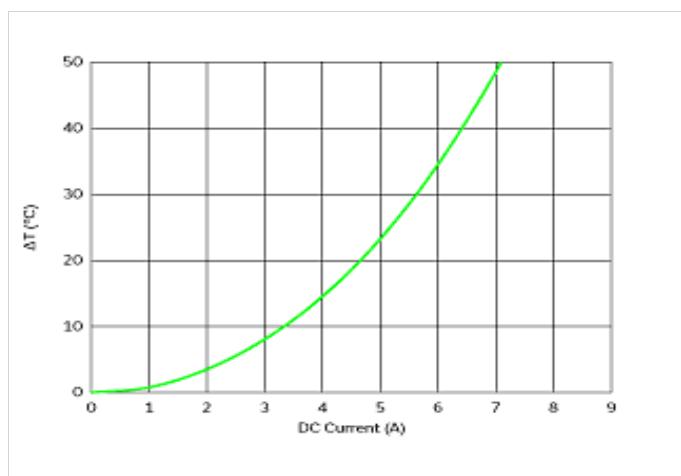
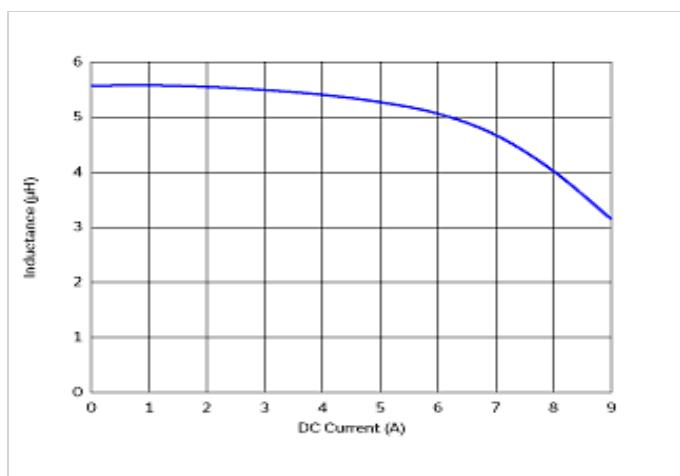
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)

■ Temperature rise characteristics (Typ.)



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3 of 3