

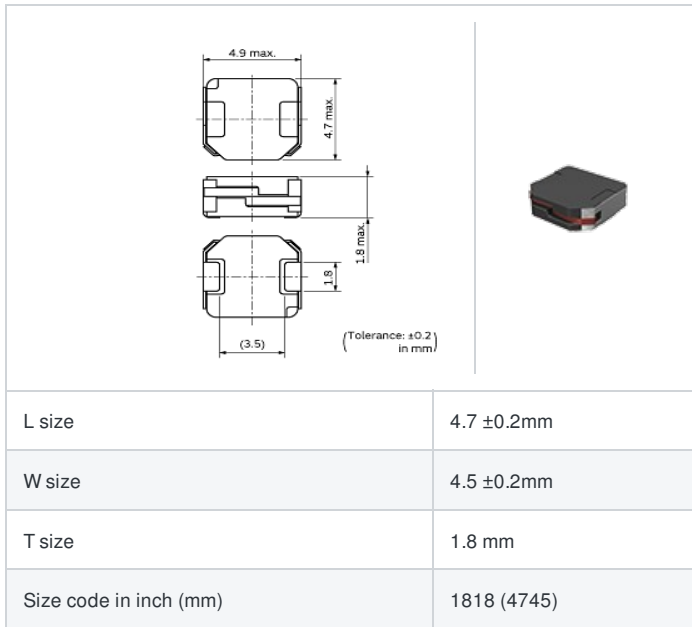
1235AS-H-1R8N#

indicates a package specification code.



< List of part numbers with package codes >
1235AS-H-1R8N=P3

Shape



Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%.
Rated current (Itemp) is specified when temperature of the inductor is raised 40 °C by DC current.

References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	2000

Mass (Typ.)	
1 piece	0.168g

Specifications

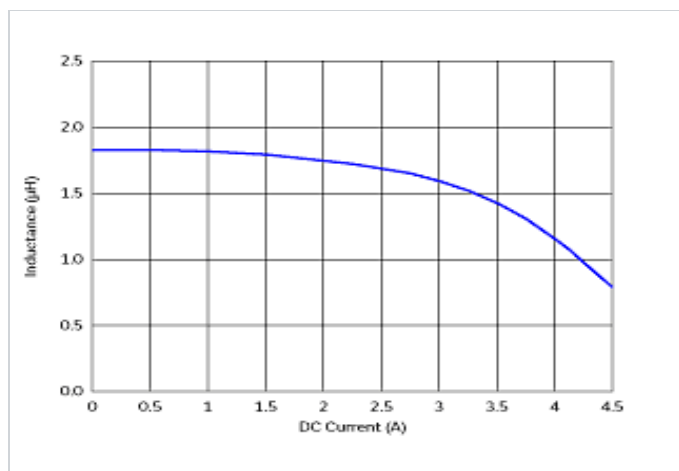
Inductance	1.8μH ±30%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	3000mA
Rated current (Itemp) (Based on Temperature rise)	2700mA
Max. of DC resistance	0.056Ω
Avg. of DC resistance	0.047Ω +20%/-30%
Operating temperature range (Self-temperature rise is included)	-40 to 85°C
Class of magnetic shield	Ferrite Core
Series	DEM4518C

Attention

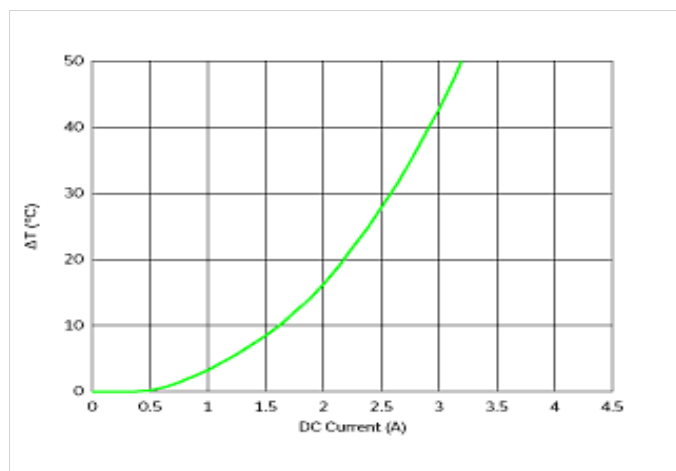
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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