

# 1235AS-H-6R8M#

# indicates a package specification code.

In Production
General
85 °C max. (Ferrite)
Wound (Ferrite)
Reflow OK
RoHS
REACH

< List of part numbers with package codes >  
1235AS-H-6R8M=P3

## Shape

L size	4.7 ±0.2mm
W size	4.5 ±0.2mm
T size	1.8 mm
Size code in inch (mm)	1818 (4745)

## Notes

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 30%.  
Rated current (I<sub>temp</sub>) 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

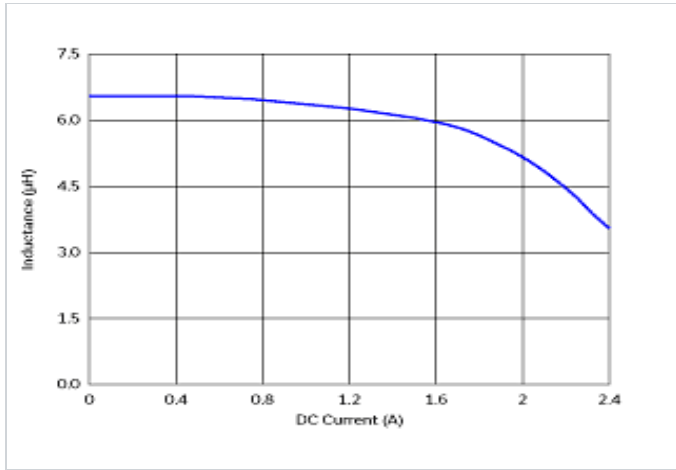
Inductance	6.8μH ±20%
Inductance test frequency	0.1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	1700mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	1900mA
Max. of DC resistance	0.106Ω
Avg. of DC resistance	0.088Ω +20%/-30%
Operating temperature range (Self-temperature rise is included)	-40 to 85°C
Class of magnetic shield	Ferrite Core
Series	DEM4518C

### Attention

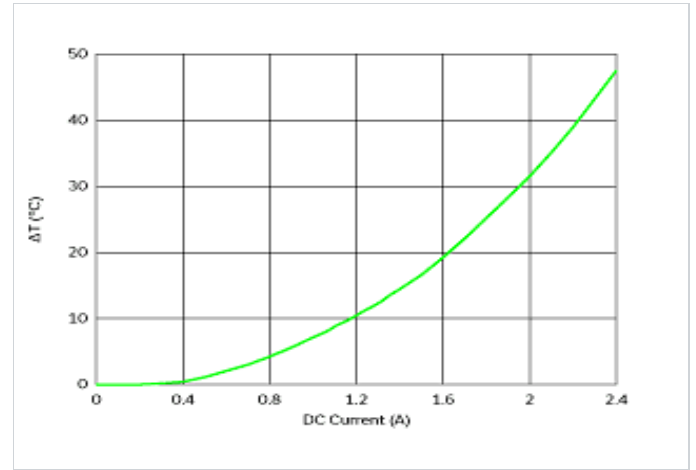
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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