

muRata Inductor Data Sheet

1231AS-H-1R5N#

“#” indicates a package specification code.



< List of part numbers with package codes >
1231AS-H-1R5N=P3

Shape

L size	3.7 ±0.2mm
W size	3.5 ±0.2mm
T size	1.8 mm
Size code in inch (mm)	1514 (3735)

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	φ 330mm Embossed taping	2000

Mass (Typ.)	
1 piece	0.0953g

Specifications

Inductance	1.5μH ±30%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	2100mA
Rated current (Itemp) (Based on Temperature rise)	2700mA
Max. of DC resistance	0.042Ω
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Ferrite Core

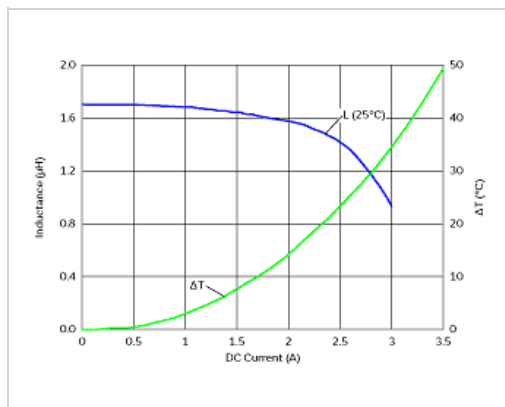
1 of 2

Attention

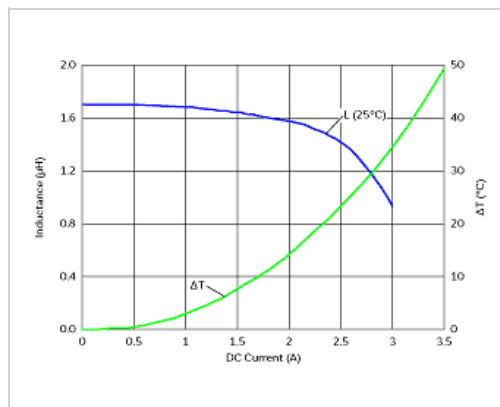
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

" Inductance-Current characteristics (Typ.)



" Temperature rise characteristics (Typ.)



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