

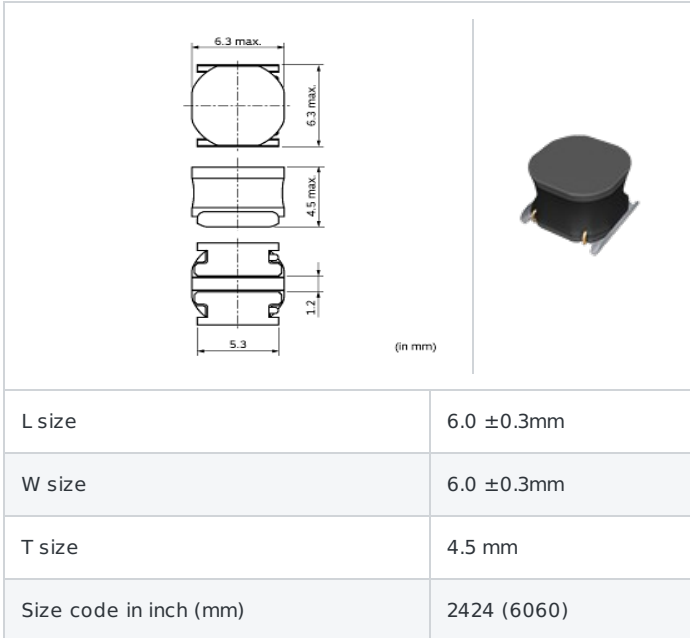
muRata Inductor Data Sheet
1255AY-2R7N#

"#" indicates a package specification code.



< List of part numbers with package codes >
 1255AY-2R7N=P3

Shape



Notes

Rated current (I_{sat}) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C)
 Rated current (I_{temp}) 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	1500

Mass (Typ.)	
1 piece	0.562g

Specifications

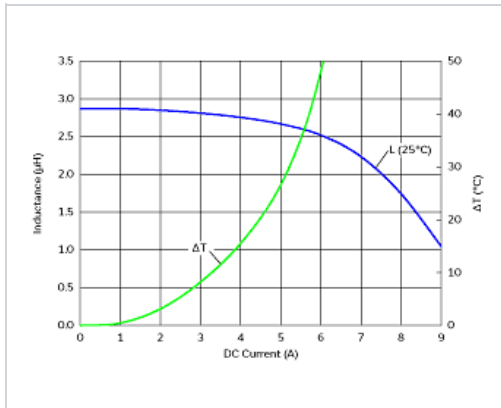
Inductance	2.7μH ±30%
Inductance test frequency	0.1MHz
Rated current (I _{sat}) (Based on Inductance change)	5600mA
Rated current (I _{temp}) (Based on Temperature rise)	4600mA
Max. of DC resistance	0.0216Ω
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Magnetic Resin

Attention

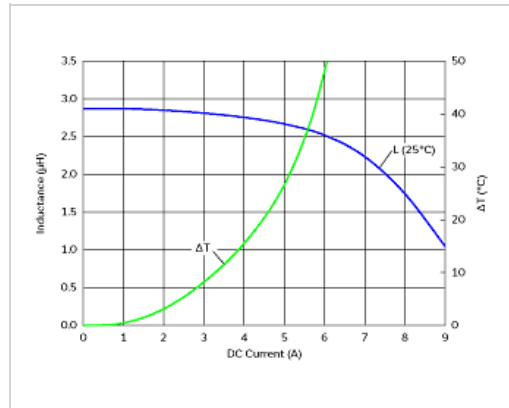
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

Inductance-Current characteristics (Typ.)



Temperature rise characteristics (Typ.)



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