

# muRata Inductor Data Sheet

## #A921CY-120M=P3



< List of part numbers with package codes >  
#A921CY-120M=P3

### Shape

L size	6.3 mm
W size	6.2 mm
T size	3.0 mm
Size code in inch (mm)	2524 (6362)

### Notes

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C)  
Rated current (I<sub>temp</sub>) 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	0.358g

### Specifications

Inductance	12μH ±20%
Inductance test frequency	0.1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	1040mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	1800mA
Max. of DC resistance	0.063Ω
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Ferrite Core

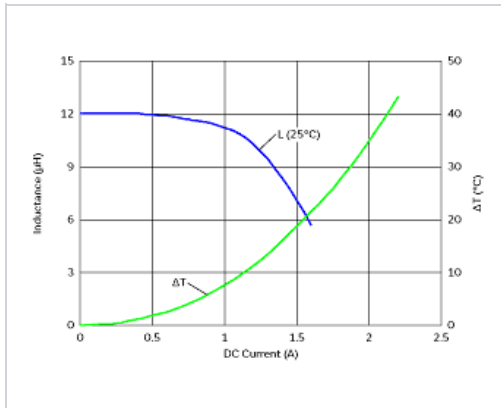
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### ⚠ Attention

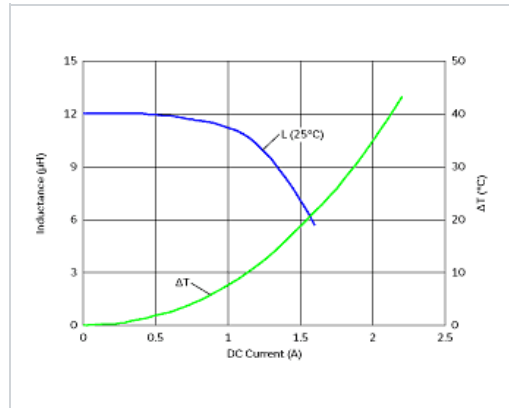
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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