

# muRata Inductor Data Sheet

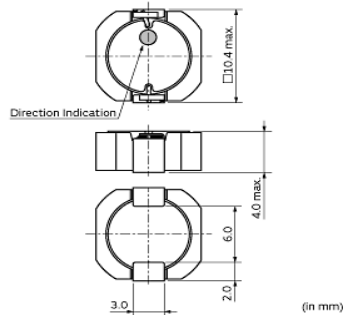
## B1179BS-1R0N#

"#" indicates a package specification code.

In Production General 85°C Wound (Ferrite) RoHS REACH

< List of part numbers with package codes >  
B1179BS-1R0N=P3

### Shape



### Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 35%. (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	500

Mass (Typ.)	
1 piece	1.417g

### Specifications

Inductance	1.0μH ±30%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	13000mA
Rated current (Itemp) (Based on Temperature rise)	9500mA
Max. of DC resistance	0.0057Ω
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Magnetic shield of ferrite

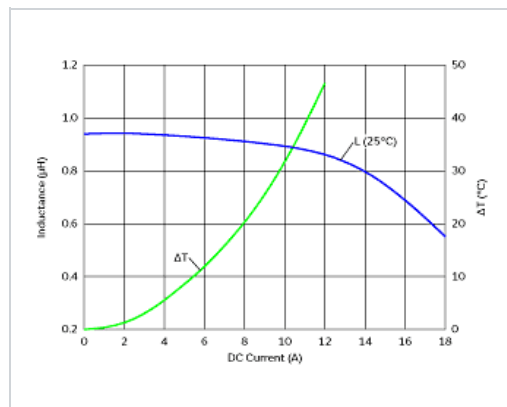
1 of 2

### Attention

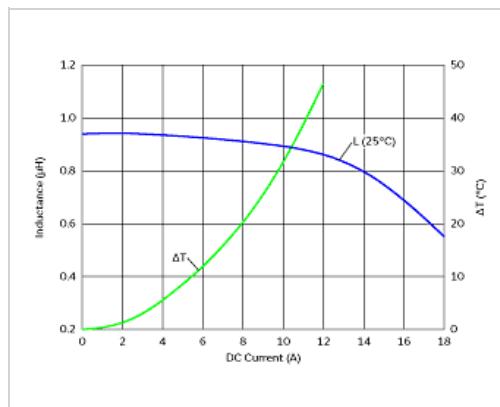
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

" Inductance-Current characteristics (Typ.)



" Temperature rise characteristics (Typ.)



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# Mouser Electronics

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