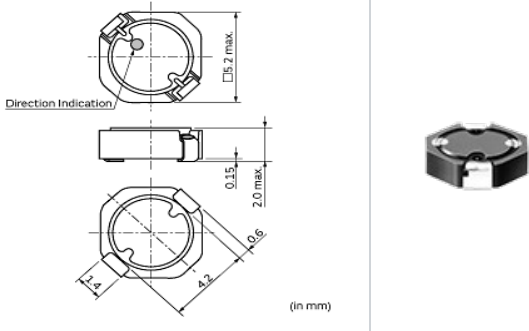


muRata Inductor Data Sheet #A914BYW-220M=P3

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

< List of part numbers with package codes >
#A914BYW-220M=P3

Shape

 (in mm)	
L size	5.2 mm
W size	5.2 mm
T size	2.0 mm
Size code in inch (mm)	2020 (5252)

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	ψ 330mm Embossed taping	2000

Mass (Typ.)	
1 piece	0.138g

Specifications

Inductance	22μH ±20%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	560mA
Rated current (Itemp) (Based on Temperature rise)	700mA
Max. of DC resistance	0.275Ω
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Ferrite Core

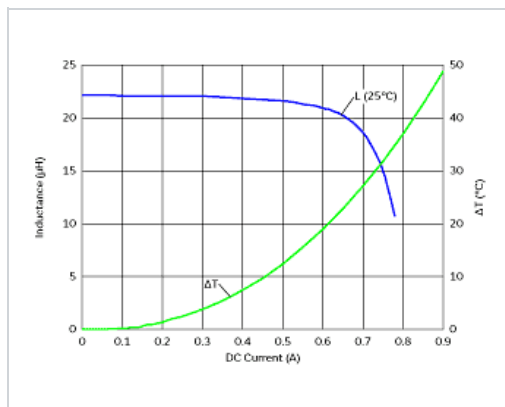
1 of 2

Attention

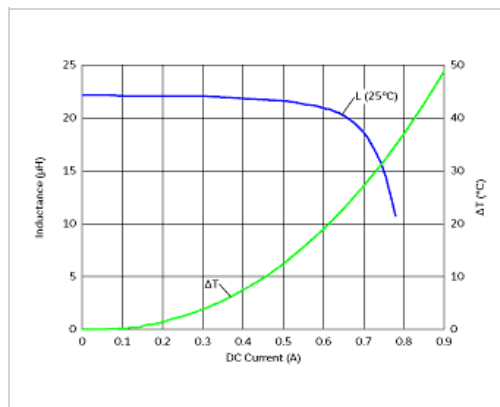
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Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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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