

# #B952AS-H-6R8N=P3

In Production
General
85 °C max. (Ferrite)
Wound (Ferrite)
Reflow OK
RoHS
REACH

< List of part numbers with package codes >  
#B952AS-H-6R8N=P3

## Shape

L size	10.1 ± 0.3mm
W size	10.1 ± 0.3mm
T size	4.8 mm
Size code in inch (mm)	4040 (101101)

## Notes

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 10%.  
Rated current (I<sub>temp</sub>) is specified when temperature of the inductor is raised 40 °C by DC current.

## References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	500

Mass (Typ.)	
1 piece	1.694g

## Specifications

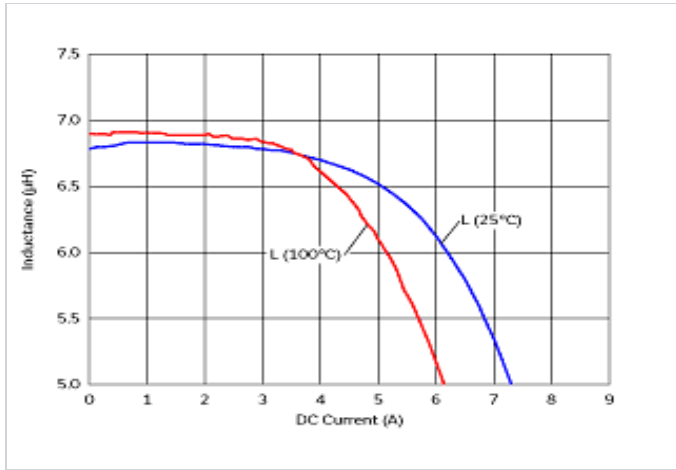
Inductance	6.8μH ±30%
Inductance test frequency	0.1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	4500mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	3100mA
Max. of DC resistance	0.035Ω
Operating temperature range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	DS104C2

### Attention

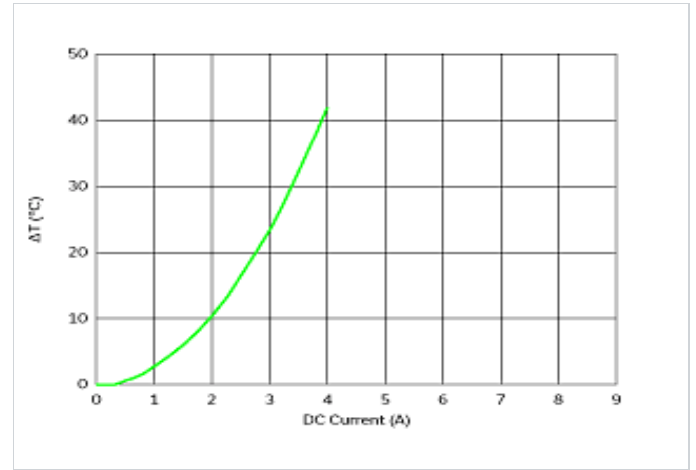
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## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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