

# #B953AS-1R7N=P3

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

< List of part numbers with package codes >  
#B953AS-1R7N=P3

## Shape

L size	12.5 ±0.3mm
W size	12.5 ±0.3mm
T size	6.8 mm
Size code in inch (mm)	4949 (125125)

## Notes

Rated current (Isat) is specified when the decrease of the initial inductance value at 10%.  
Rated current (Itemp) 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	3.688g

## Specifications

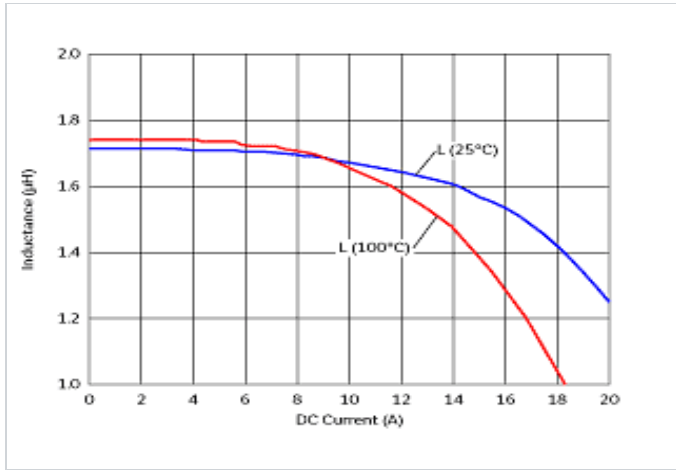
Inductance	1.7μH ±30%
Inductance test frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	11800mA
Rated current (Itemp) (Based on Temperature rise)	7700mA
Max. of DC resistance	0.010Ω
Operating temperature range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Ferrite Core
Series	DS126C2

### Attention

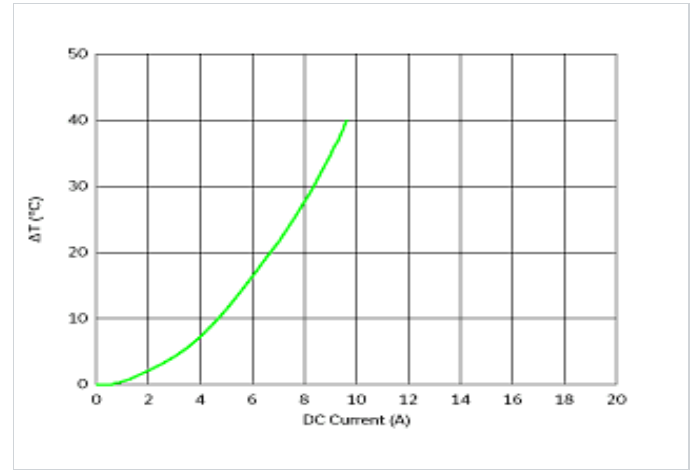
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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