

# #B953AS-271M=P3



< List of part numbers with package codes >  
#B953AS-271M=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

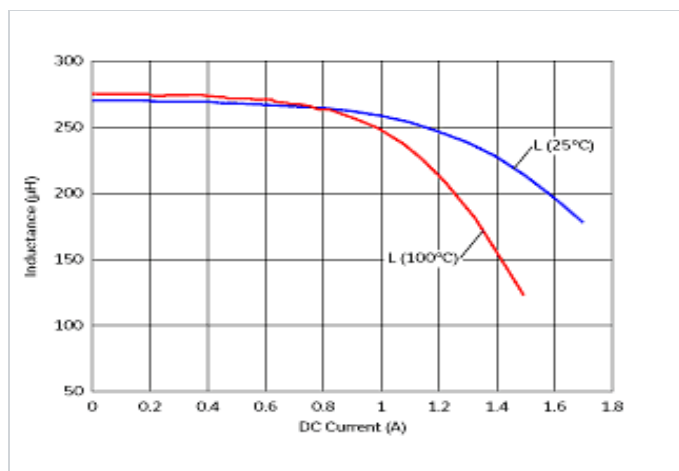
|                                                                 |               |
|-----------------------------------------------------------------|---------------|
| Inductance                                                      | 270μH ±20%    |
| Inductance test frequency                                       | 0.1MHz        |
| Rated current (Isat) (Based on Inductance change)               | 930mA         |
| Rated current (Itemp) (Based on Temperature rise)               | 920mA         |
| Max. of DC resistance                                           | 0.415Ω        |
| Operating temperature range (Self-temperature rise is included) | -40°C to 85°C |
| Class of magnetic shield                                        | Ferrite Core  |
| Series                                                          | DS126C2       |

### Attention

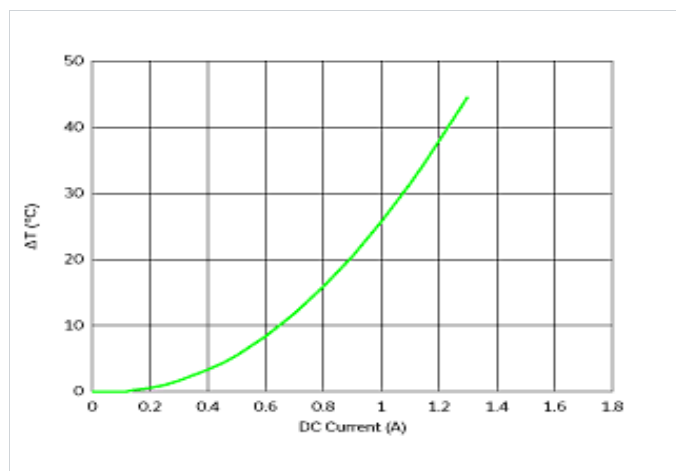
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## Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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