

1274AS-H-6R8N#

indicates a package specification code.

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

< List of part numbers with package codes >
1274AS-H-6R8N=P3

Shape

| | |
|------------------------|---------------|
| L size | 10.0 ±0.3mm |
| W size | 10.0 ±0.3mm |
| T size | 5.0 mm |
| Size code in inch (mm) | 3939 (100100) |

Notes

Rated current (I_{sat}) is specified when the decrease of the initial inductance value at 30%.
Rated current (I_{temp}) 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 | 1.9994g |

Specifications

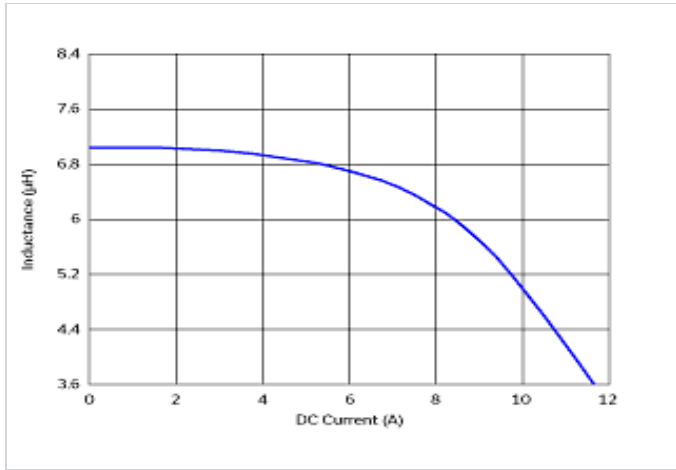
| | |
|---|--------------|
| Inductance | 6.8μH ±30% |
| Inductance test frequency | 0.1MHz |
| Rated current (I _{sat}) (Based on Inductance change) | 7500mA |
| Rated current (I _{temp}) (Based on Temperature rise) | 5400mA |
| Max. of DC resistance | 0.0213Ω |
| Avg. of DC resistance | 0.0177Ω ±20% |
| Operating temperature range (Self-temperature rise is included) | -40 to 85°C |
| Class of magnetic shield | Ferrite Core |
| Series | DEM10050C |

Attention

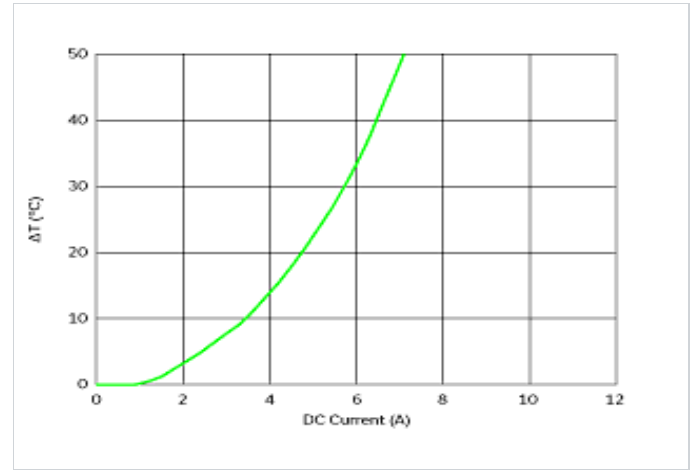
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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