

1255AY-2R2N#

indicates a package specification code.



< List of part numbers with package codes >
1255AY-2R2N=P3

Shape

| | |
|------------------------|-------------|
| L size | 6.0 ±0.3mm |
| W size | 6.0 ±0.3mm |
| T size | 4.5 mm |
| Size code in inch (mm) | 2424 (6060) |

Notes

Rated current (I_{sat}) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C.)
Rated current (I_{temp}) is specified when temperature of inductor the is raised 40°C by DC current. (The ambient reference temperature is 20°C.)

References

| Packaging code | Specifications | Minimum quantity |
|----------------|------------------------|------------------|
| =P3 | φ330mm Embossed taping | 1500 |

| Mass (Typ.) | |
|-------------|--------|
| 1 piece | 0.562g |

Specifications

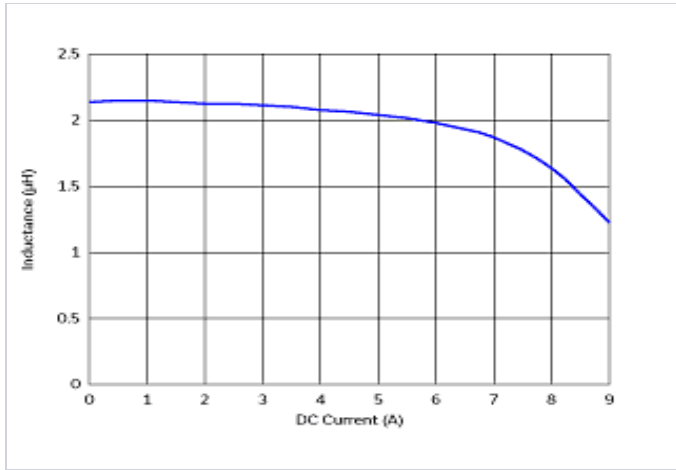
| | |
|---|----------------|
| Inductance | 2.2μH ±30% |
| Inductance test frequency | 0.1MHz |
| Rated current (I _{sat}) (Based on Inductance change) | 6300mA |
| Rated current (I _{temp}) (Based on Temperature rise) | 4700mA |
| Max. of DC resistance | 0.0192Ω |
| Avg. of DC resistance | 0.016Ω ±20% |
| Operating temperature range (Self-temperature rise is included) | -40~85°C |
| Class of magnetic shield | Magnetic Resin |
| Series | DG6045C |

Attention

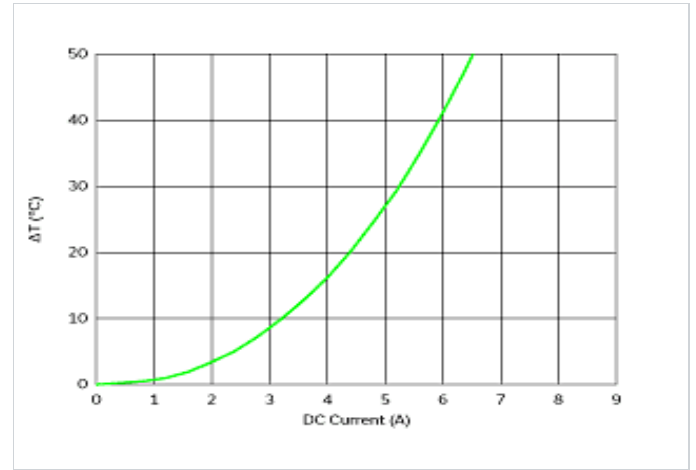
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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