

1277AS-H-1R0M#

indicates a package specification code.

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

< List of part numbers with package codes >
1277AS-H-1R0M=P2

Shape

| | |
|------------------------|-------------|
| L size | 3.2 ±0.2mm |
| W size | 2.5 ±0.2mm |
| T size | 1.2 mm |
| Size code in inch (mm) | 1210 (3225) |

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 |
|----------------|------------------------|------------------|
| =P2 | φ180mm Embossed taping | 3000 |

| Mass (Typ.) | |
|-------------|---------|
| 1 piece | 0.0448g |

Specifications

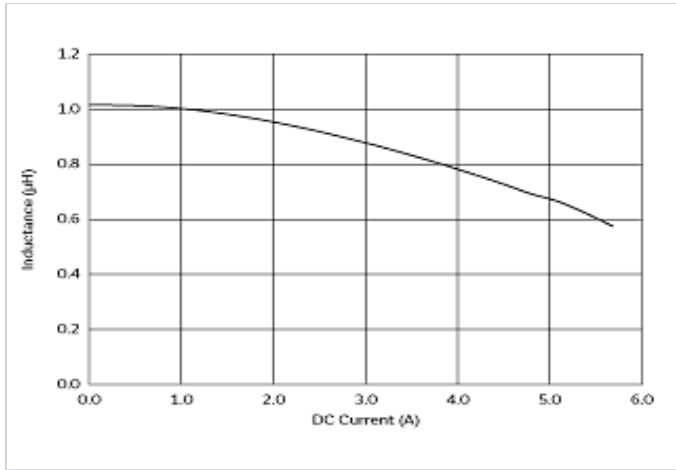
| | |
|---|-------------|
| Inductance | 1.0μH ±20% |
| Inductance test frequency | 1MHz |
| Rated current (I _{sat}) (Based on Inductance change) | 3700mA |
| Rated current (I _{temp}) (Based on Temperature rise) | 3100mA |
| Max. of DC resistance | 0.045Ω |
| Operating temperature range (Self-temperature rise is included) | -40~85°C |
| Class of magnetic shield | Metal Alloy |
| Absolute maximum voltage | 20V DC |
| Series | DFE322512C |

Attention

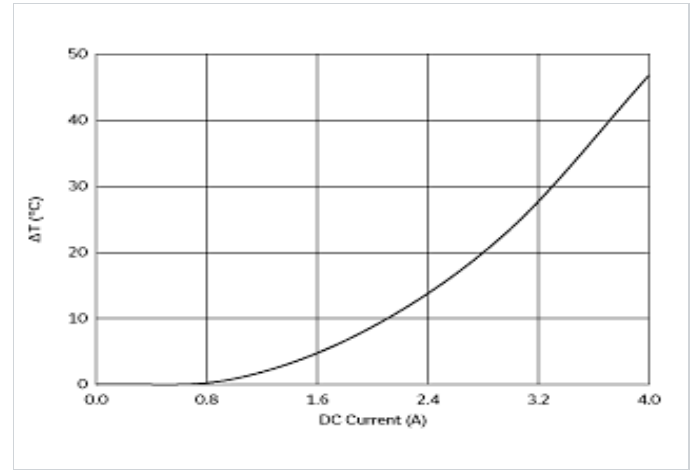
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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