

1227AS-H-1R5N#

indicates a package specification code.

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

< List of part numbers with package codes >
1227AS-H-1R5N=P2

Shape

| | |
|------------------------|-------------|
| L size | 3.0 ±0.2mm |
| W size | 2.8 ±0.2mm |
| T size | 1.8 mm |
| Size code in inch (mm) | 1211 (3028) |

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 | 2000 |

| Mass (Typ.) | |
|-------------|---------|
| 1 piece | 0.0651g |

Specifications

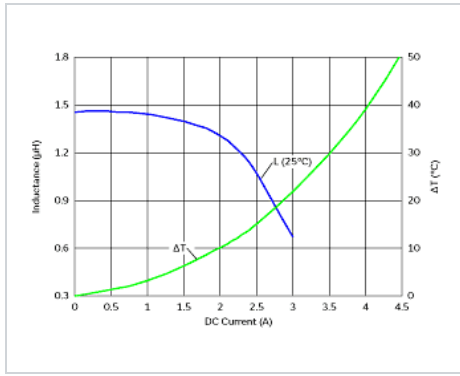
| | |
|---|-----------------|
| Inductance | 1.5μH ±30% |
| Inductance test frequency | 0.1MHz |
| Rated current (I _{sat}) (Based on Inductance change) | 2000mA |
| Rated current (I _{temp}) (Based on Temperature rise) | 3400mA |
| Max. of DC resistance | 0.032Ω |
| Avg. of DC resistance | 0.027Ω+20%/-30% |
| Operating temperature range (Self-temperature rise is included) | -40~85°C |
| Class of magnetic shield | Ferrite Core |
| Series | DEM2818C |

Attention

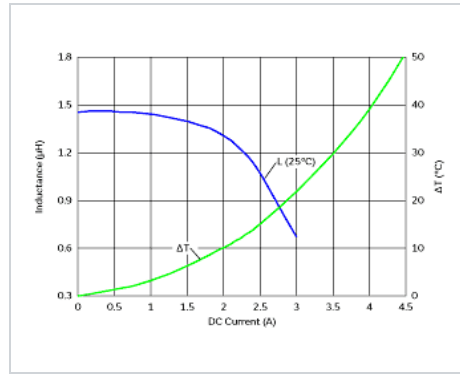
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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