

1277AS-H-100M#

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-100M=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	φ 180mm Embossed taping	3000

Mass (Typ.)	
1 piece	0.0448g

Specifications

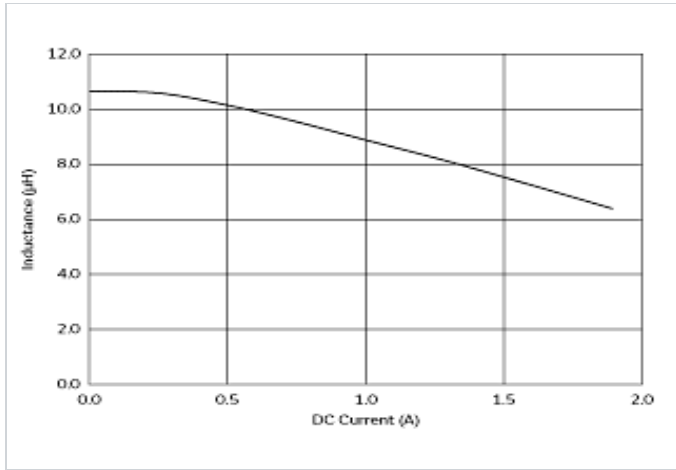
Inductance	10μH ±20%
Inductance test frequency	1MHz
Rated current (I _{sat}) (Based on Inductance change)	1200mA
Rated current (I _{temp}) (Based on Temperature rise)	900mA
Max. of DC resistance	0.420Ω
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	20V DC
Series	DFE322512C

Attention

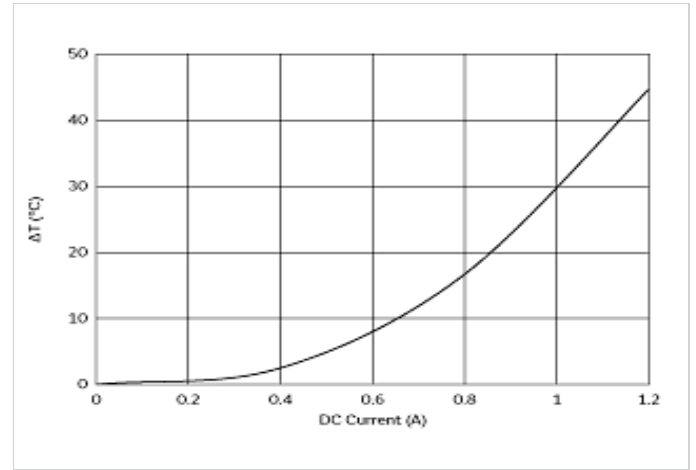
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

▪ Inductance-Current characteristics (Typ.)



▪ Temperature rise characteristics (Typ.)



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