

1227AS-H-120M#

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-120M=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

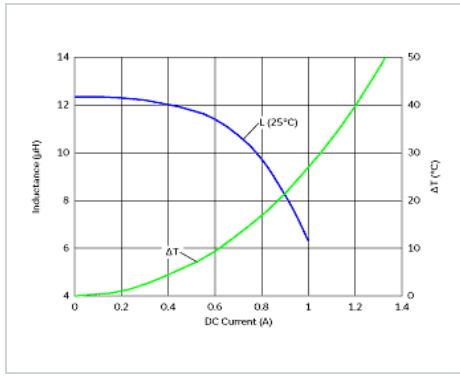
Inductance	12μH ±20%
Inductance test frequency	0.1MHz
Rated current (I _{sat}) (Based on Inductance change)	650mA
Rated current (I _{temp}) (Based on Temperature rise)	1000mA
Max. of DC resistance	0.258Ω
Avg. of DC resistance	0.215Ω+20%/-30%
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Ferrite Core
Series	DEM2818C

Attention

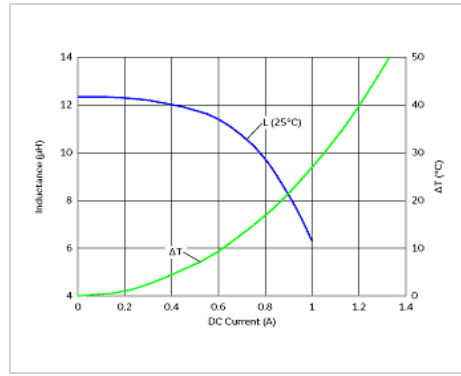
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Chart of characteristic data (The charts below may show another part number which shares its characteristics.)

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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