

# 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<sub>sat</sub>) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C.)  
Rated current (I<sub>temp</sub>) 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

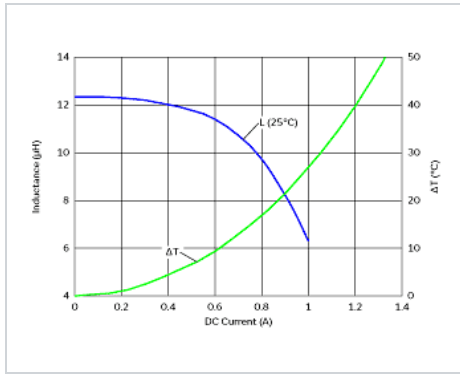
Inductance	12μH ±20%
Inductance test frequency	0.1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	650mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	1000mA
Max. of DC resistance	0.258Ω
Avg. of DC resistance	0.215Ω+20%/-30%
Operating temperature range (Self-temperature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

### Attention

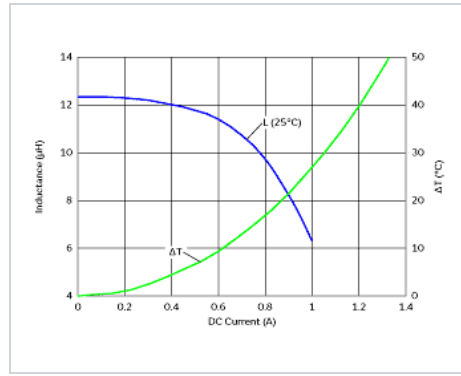
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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