

# 1277AS-H-2R2M#

# 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-2R2M=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 (Isat) is specified when the decrease of the initial inductance value at 30%. (The ambient reference temperature is 20°C.)  
Rated current (Itemp) 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

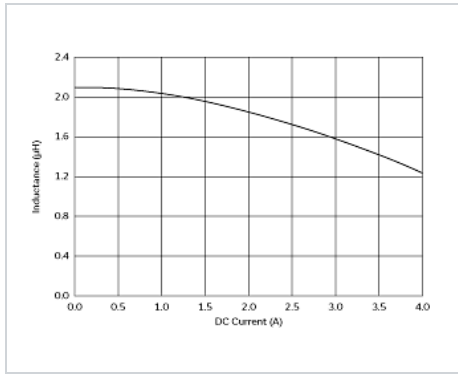
Inductance	2.2μH ±20%
Inductance test frequency	1MHz
Rated current (Isat) (Based on Inductance change)	2600mA
Rated current (Itemp) (Based on Temperature rise)	2100mA
Max. of DC resistance	0.084Ω
Operating temperature range (Self-temperature rise is included)	-40~85°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	20V DC
Series	DFE322512C

### Attention

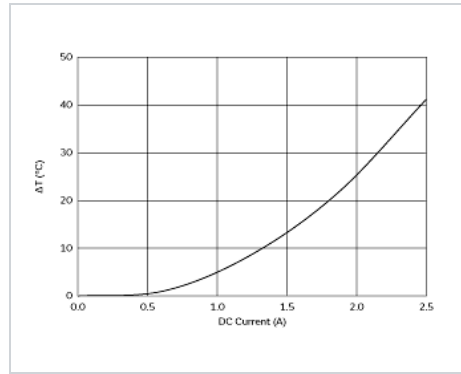
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**Chart of characteristic data (The charts below may show another part number which shares its characteristics.)**

■ Inductance-Current characteristics (Typ.)



■ Temperature rise characteristics (Typ.)



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