

# 1277AS-H-R47M#

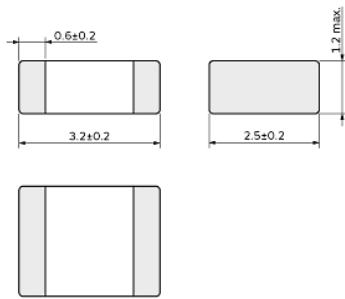
“#” indicates a package specification code.



< List of part numbers with package codes >

1277AS-H-R47M=P2

## Appearance & Shape



(in mm)

## References

Packaging	Specifications	Minimum Order Quantity
=P2	180Embossed Tape	3000

Mass (typ.)	
1 piece	0.0448g

## Notices

Rated current ( $I_{sat}$ ) is specified when the decrease of the initial inductance value at 30%. Rated current ( $I_{temp}$ ) is specified when temperature of the inductor is raised 40°C by DC current.

### Attention

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  - This datasheet has only typical specifications because there is no space for detailed specifications.
- Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.

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## Specifications

L size	3.2±0.2mm
W size	2.5±0.2mm
T size	1.2mm
Size code inch (mm)	1210 (3225)
Inductance	0.47μH±20%
Inductance Test Frequency	1MHz
Rated current (Isat) (Based on Inductance change)	4700mA
Rated current (Itemp) (Based on Temperature rise)	3700mA
Max. of DC resistance	0.031Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	20Vdc
Series	DFE322512C

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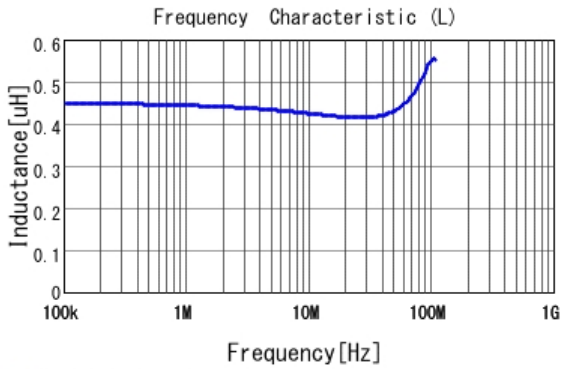
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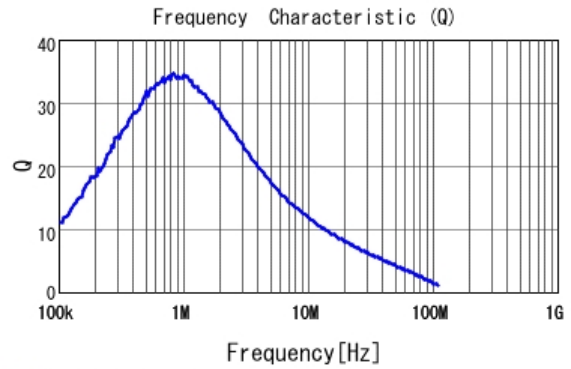
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## Characteristic Data

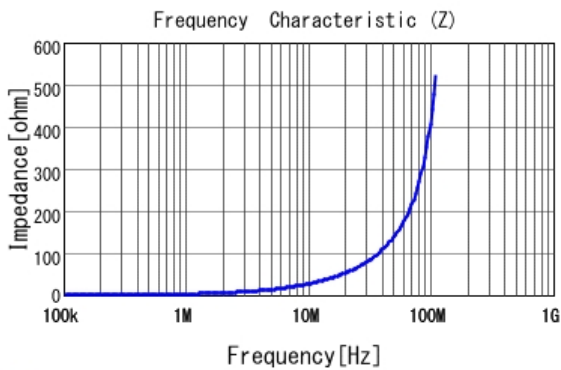
The charts below may show another part number which shares its characteristics.



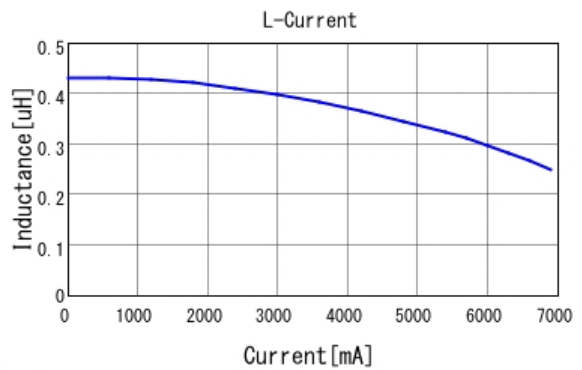
■ 1277AS-H-R47M L



■ 1277AS-H-R47M Q



■ 1277AS-H-R47M |Z|



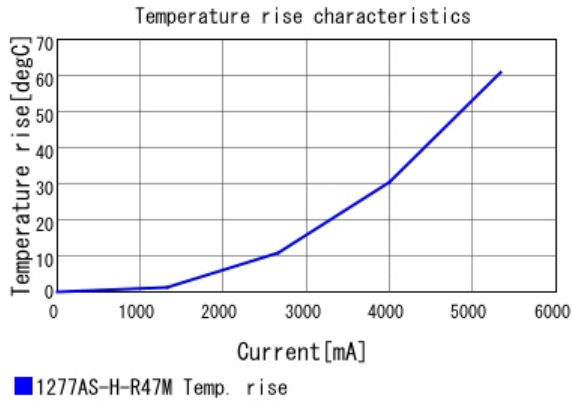
■ 1277AS-H-R47M L-Current 20degC

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