

# FDA1254-H-3R3M#

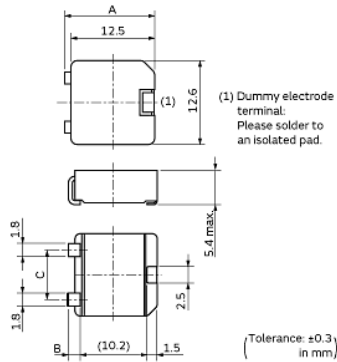
“#” indicates a package specification code.



< List of part numbers with package codes >

FDA1254-H-3R3M=P3

## Appearance & Shape



## References

Packaging	Specifications	Minimum Order Quantity
=P3	330Embossed Tape	500

Mass (typ.)	
1 piece	4.361g

## Notices

Rated current ( $I_{sat}$ ) is specified when the decrease of the initial inductance value at 20%. 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	12.6±0.3mm
W size	12.5±0.3mm
T size	5.4mm
Size code inch (mm)	5049 (126125)
Inductance	3.3μH±20%
Inductance Test Frequency	0.1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	13100mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	11500mA
Max. of DC resistance	0.007Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30Vdc
Dimensions	A:12.9mmB:1.2mmC:7.6mm
Series	FDA1254

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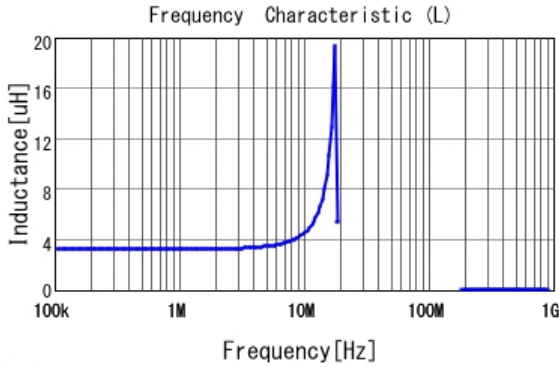
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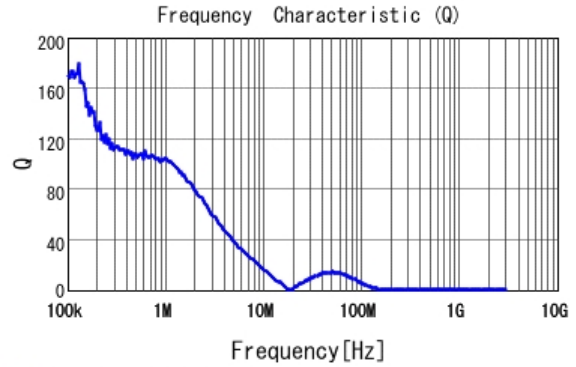
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## Characteristic Data

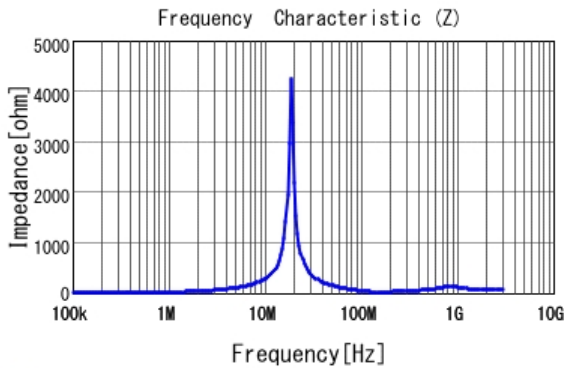
The charts below may show another part number which shares its characteristics.



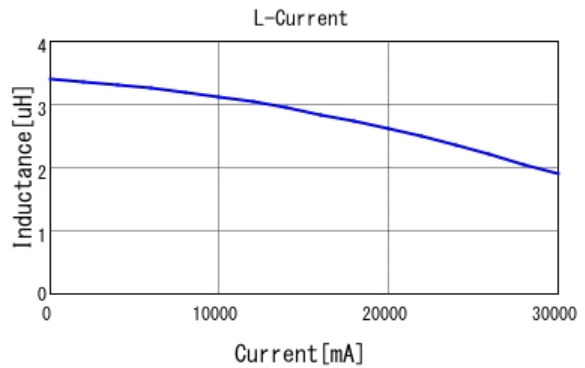
FDA1254-H-3R3M L



FDA1254-H-3R3M Q



FDA1254-H-3R3M |Z|



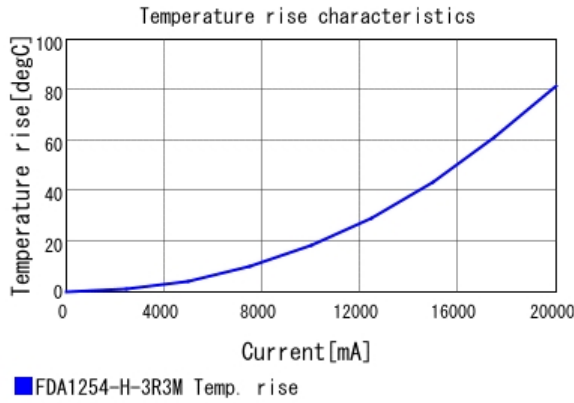
FDA1254-H-3R3M L-Current 20degC

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