

# FDA1055-H-5R6M#

# indicates a package specification code.



< List of part numbers with package codes >  
 FDA1055-H-5R6M=P3

## Shape

(1) Dummy electrode terminal. Please solder to an isolated pad.

L size	10.8 ±0.3mm
W size	10.8 ±0.3mm
T size	5.5 mm
Size code in inch (mm)	4242 (108108)
Dimensions	A:11.3mm B:1.4mm C:6.4mm

## Notes

Rated current (I<sub>sat</sub>) is specified when the decrease of the initial inductance value at 20%.  
 Rated current (I<sub>temp</sub>) is specified when temperature of the inductor is raised 40°C by DC current.

## References

Packaging code	Specifications	Minimum quantity
=P3	φ330mm Embossed taping	500

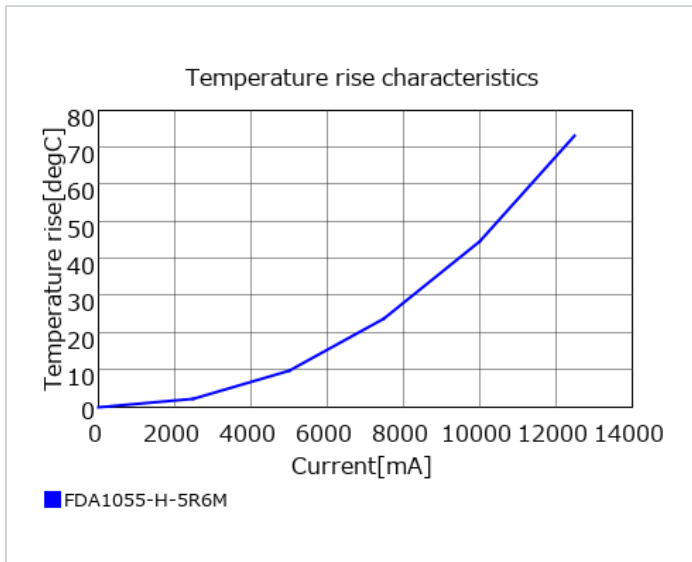
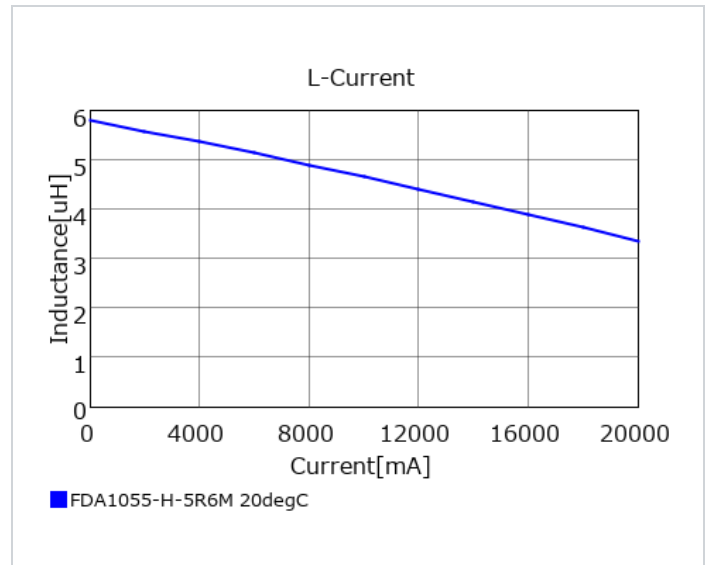
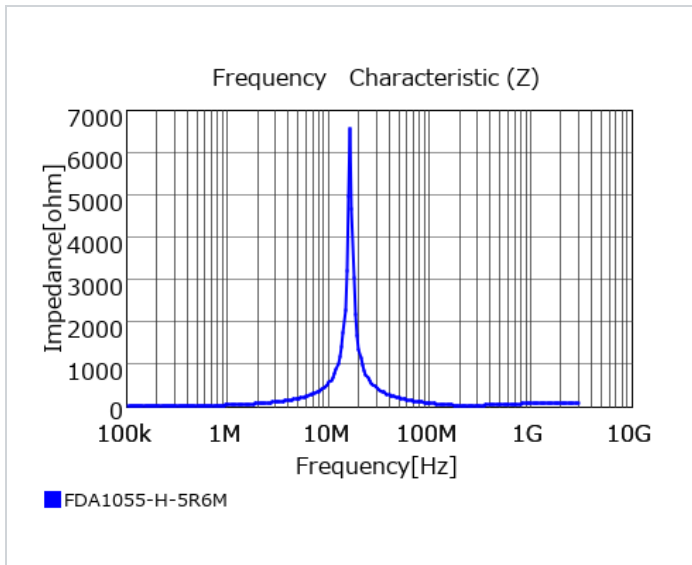
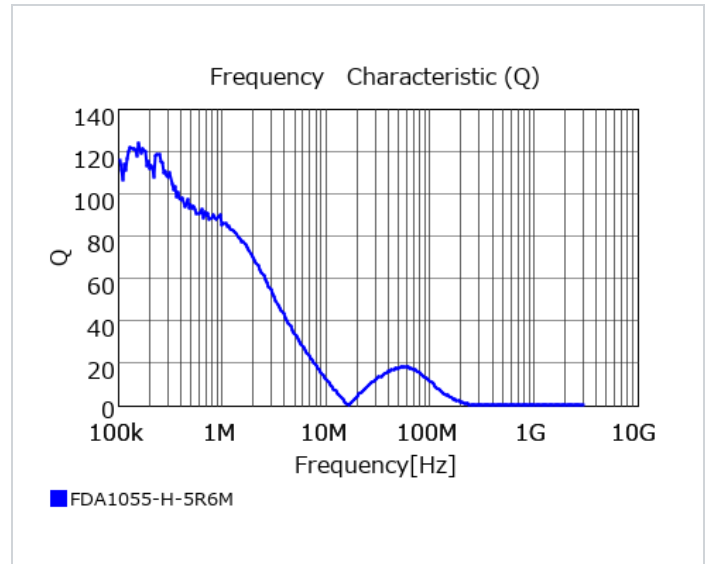
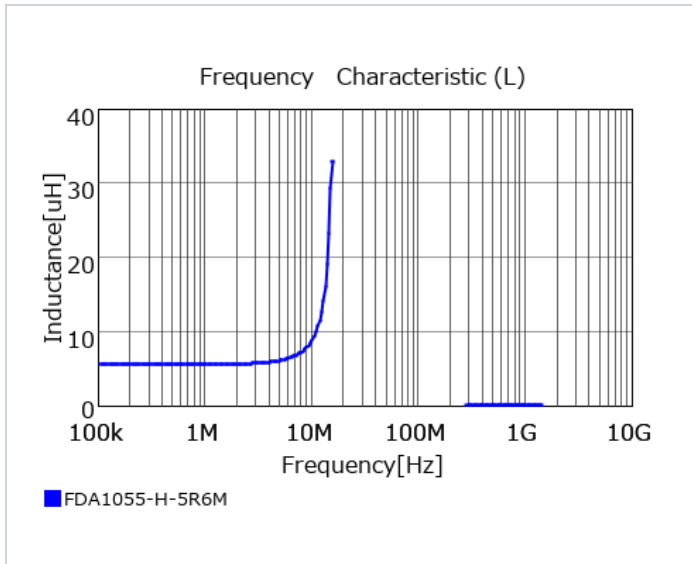
Mass (Typ.)	
1 piece	3.201g

## Specifications

Inductance	5.6μH ±20%
Inductance test frequency	0.1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	8000mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	7500mA
Max. of DC resistance	0.012Ω
Operating temperature range (Self-temperature rise is included)	-40 to 125°C
Class of magnetic shield	Metal Alloy
Absolute maximum voltage	30Vdc
Series	FDA1055

### 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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