

# FDA1055-H-1R5M#

# indicates a package specification code.



< List of part numbers with package codes >  
 FDA1055-H-1R5M=P3

## Shape

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

(Tolerance: ±0.3 in mm)

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:11.6mm B:1.9mm C:6.5mm

## 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

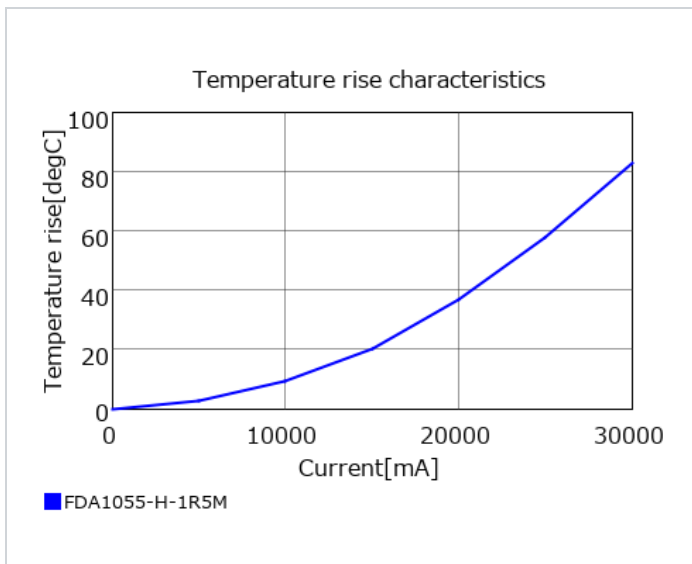
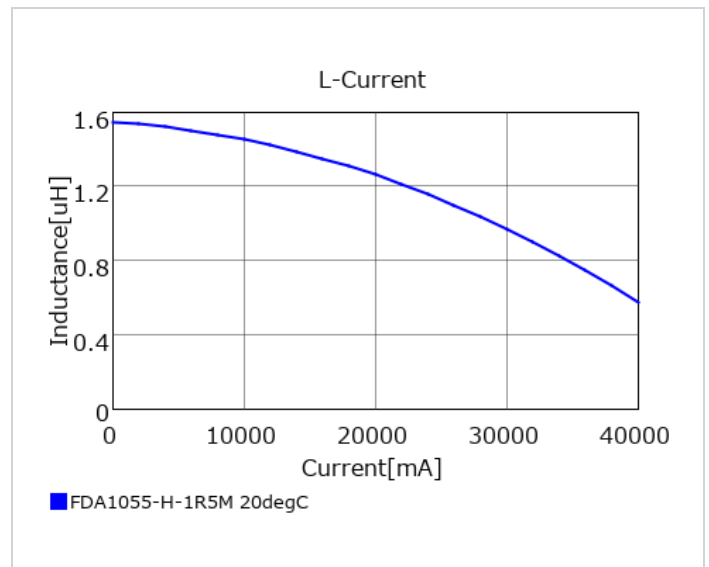
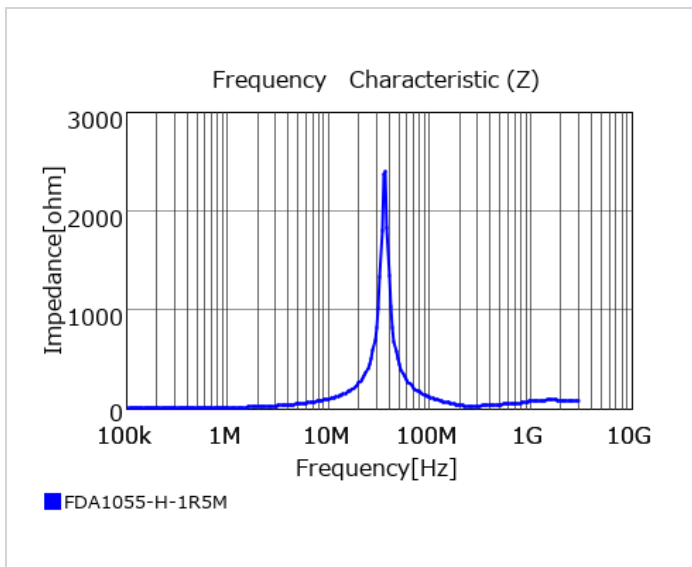
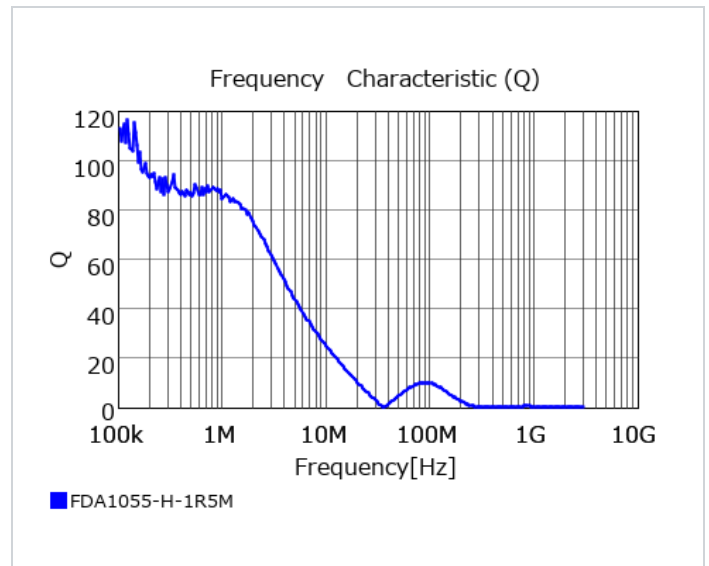
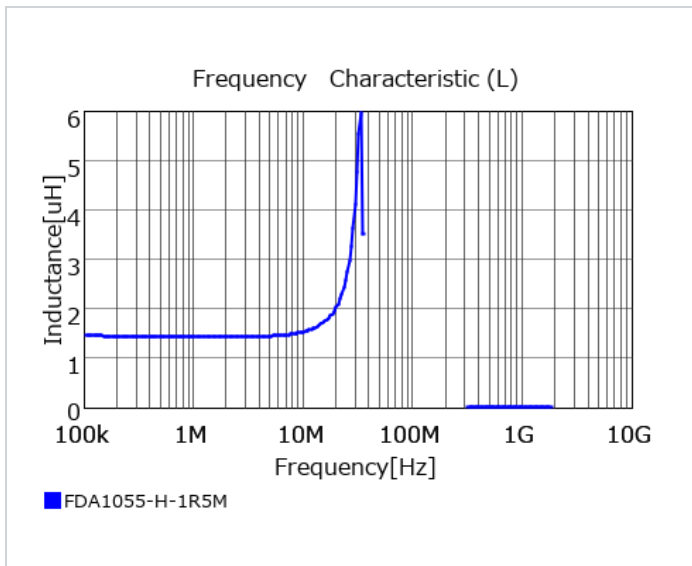
Mass (Typ.)	
1 piece	3.201g

## Specifications

Inductance	1.5μH ±20%
Inductance test frequency	0.1MHz
Rated current (I <sub>sat</sub> ) (Based on Inductance change)	18000mA
Rated current (I <sub>temp</sub> ) (Based on Temperature rise)	16600mA
Max. of DC resistance	0.0035Ω
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

- This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, it's specifications are subject to change or our products in it may be discontinued without advance notice. Please check with our sales representatives or product engineers before ordering.
- 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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