

1255AY-470M#

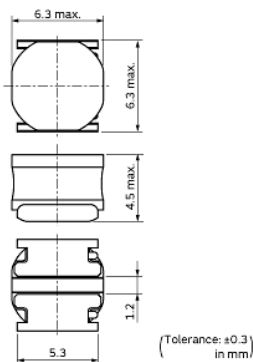
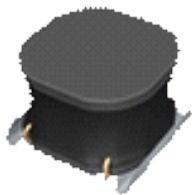
“#” indicates a package specification code.



< List of part numbers with package codes >

1255AY-470M=P3

Appearance & Shape



References

Packaging	Specifications	Minimum Order Quantity
=P3	330Embossed Tape	1500

Mass (typ.)	
1 piece	0.562g

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

- 1.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.
- 2.This datasheet has only typical specifications because there is no space for detailed specifications.
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Specifications

L size	6.0±0.3mm
W size	6.0±0.3mm
T size	4.5mm
Size code inch (mm)	2424 (6060)
Inductance	47μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1400mA
Rated current (Itemp) (Based on Temperature rise)	1300mA
Max. of DC resistance	0.252Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Magnetic Resin
DC Resistance Intermediate Values	0.210Ω±20%
Series	DG6045C

Attention

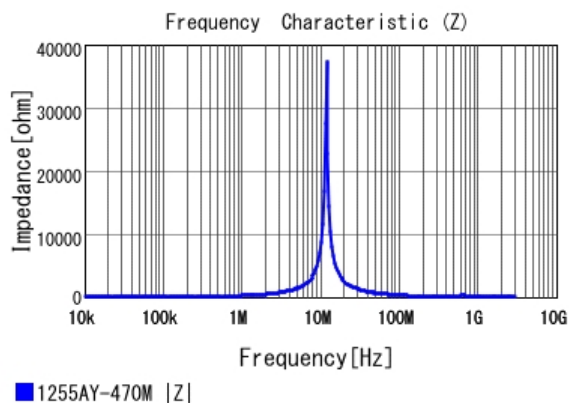
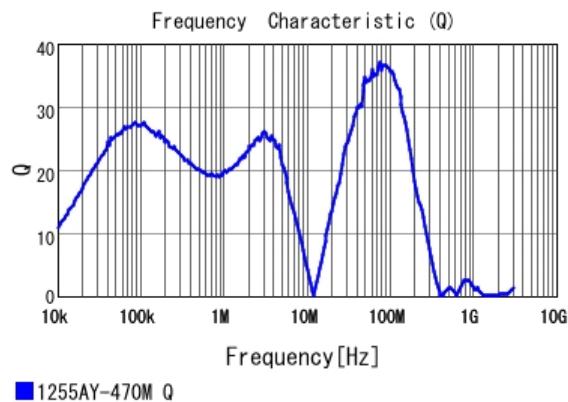
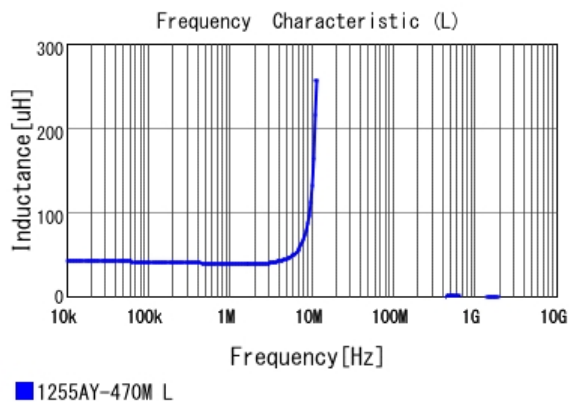
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Characteristic Data

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



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