

FDA1055-H-4R7M#

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http://www.murata.com/en-us/products/productdetail?partno=FDA1055-H-4R7M%23

"#"at the end indicates the package specification code.











< List of part numbers with package codes > FDA1055-H-4R7M=P3



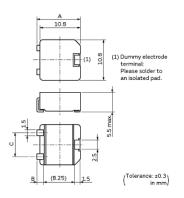
Applications

Unsuitable	Please be sure to read and comply with
Applications	these "Precautions for use."
	Consumer equipment,Medical
	equipment [GHTF A/B/C] except for
	implant & surgery & auto injector,
	Industrial equipment except for
	transportation & facility & energy
	equipment
Specific	Please refer to Our Website and
Applications	specifications, etc. for information about
	the performance, functions, quality,
	management, and safety required for
	the above applications, and use
	Products after confirming the
	performance and reliability of the actual
	Product.
Recommended	Consumer equipment
Applications	Consumer equipment



Appearance & Shape







Notices

Rated current (Isat) is specified when the decrease of the initial inductance value at 20%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.



References

		Standard
Packaging	Specifications	Packing
		Quantity
=P3	330Embossed Tape	500

Mass (ty	/p.)	
1 piece		3.201g

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Attentior

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

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Specifications

10.8±0.3mm	L size
10.8±0.3mm	W size
5.5mm	T size
4242 (108108)	Size code inch (mm)
4.7μH±20%	Inductance
0.1MHz	Inductance Test Frequency
9900mA	Rated current (Isat) (Based on Inductance change)
9100mA	Rated current (Itemp) (Based on Temperature rise)
0.011Ω	Max. of DC resistance
-40°C to 125°C	Operating Temperature Range (Self-temperature rise is included)
Shielded (Metal Alloy)	Class of magnetic shield
30Vdc	Absolute maximum voltage
Murata	Brand
A:11.3mmB:1.4mmC:6.4mm	Dimensions
FDA1055	Series
 4.7μH±20% 0.1MHz 9900mA 9100mA 0.011Ω -40°C to 125°C Shielded (Metal Alloy) 30Vdc Murata A:11.3mmB:1.4mmC:6.4mm	Inductance Inductance Test Frequency Rated current (Isat) (Based on Inductance change) Rated current (Itemp) (Based on Temperature rise) Max. of DC resistance Operating Temperature Range (Self-temperature rise is included) Class of magnetic shield Absolute maximum voltage Brand Dimensions

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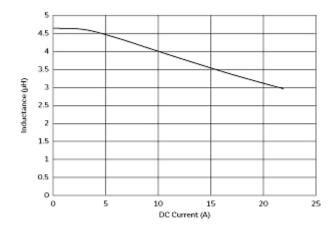
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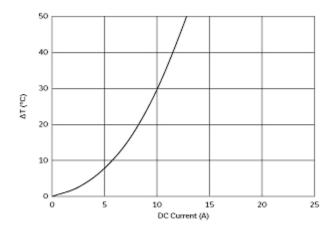
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Characteristic Data





Impedance - Current Characteristics

Temperature Increase Characteristic

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