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Please download the latest datasheet of DFEH10040D-100M# from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=DFEH10040D-100M%23

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















< List of part numbers with package codes > DFEH10040D-100M=P3



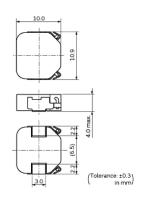
Applications

Unsuitable	Diagon he gure to read and comply with	
	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment, Automotive	
	infotainment/comfort equipment,	
	Automotive powertrain/safety equipment,	
	Medical equipment [GHTF A/B/C]	
	except for implant & surgery & auto	
	injector,Industrial 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	Automotive powertrain/safety equipment	
Applications		



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

Packaging	Specifications	Standard Packing Quantity
=P3	330Embossed Tape	500

Mass (typ.)	
1 piece	2.1295g

1 of 4

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





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Specifications

10.9±0.3mm
10.0±0.3mm
4.0mm
4339 (109100)
10μH±20%
0.1MHz
5500mA
5700mA
0.033Ω
-40°C to 155°C
Shielded (Metal Alloy)
50Vdc
Murata
DFEH10040D

2 of 4

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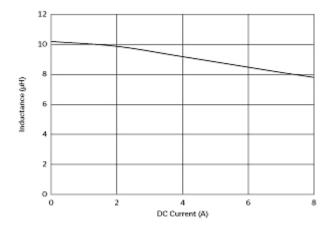
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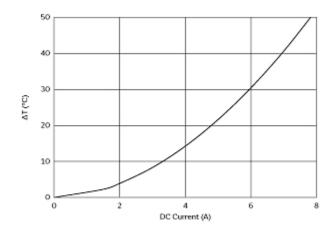
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Characteristic Data





Impedance - Current Characteristics

Temperature Increase Characteristic

3 of 4

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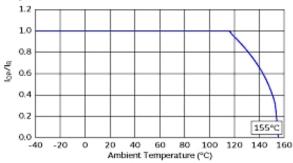
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Notice For General

Max. current (DC, AC) as function of ambient temperature (derating curve).

Derating of Rated Current



4 of 4

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