

Note: This datasheet may be out of date.

Please download the latest datasheet of B1047AS-470M# from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=B1047AS-470M%2

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











# < List of part numbers with package codes > B1047AS-470M=P3



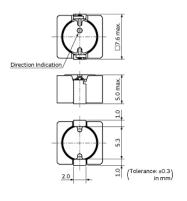
## **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
Specific Applications	Consumer equipment,Medical	
	equipment [GHTF A/B/C] except for	
	implant & surgery & auto injector,	
	Industrial equipment except for	
	transportation & facility & energy	
	equipment	
	Please refer to Our Website and	
	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		



# Appearance & Shape







### **Notices**

Rated current (Isat) is specified when the decrease of the initial inductance value at 30%. Rated current (Itemp) is specified when temperature of the inductor is raised 40°C by DC current.



#### References

	Specifications	Standard
Packaging		Packing
		Quantity
=P3	330Embossed Tape	1000

Ма	ss (typ.)	
1 p	iece	0.975g

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





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## **Specifications**

L size	7.3±0.3mm
W size	7.3±0.3mm
T size	5.0mm
Size code inch (mm)	2929 (7373)
Inductance	47μH±20%
Inductance Test Frequency	0.1MHz
Rated current (Isat) (Based on Inductance change)	1380mA
Rated current (Itemp) (Based on Temperature rise)	1300mA
Max. of DC resistance	0.2Ω
Operating Temperature Range (Self-temperature rise is included)	-40°C to 85°C
Class of magnetic shield	Shielded (Ferrite Core)
Brand	Murata
Series	DS75LC

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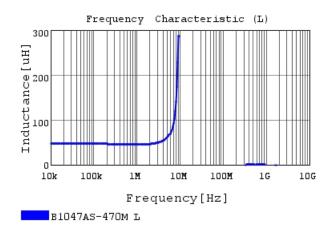
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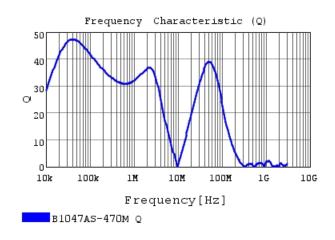
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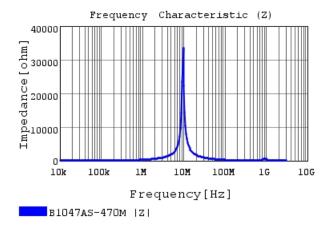


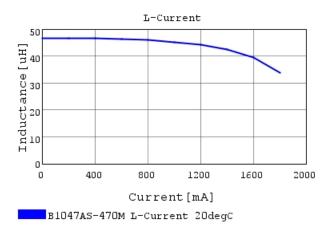
### Characteristic Data

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









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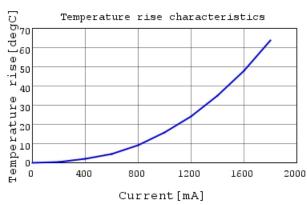


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B1047AS-470M Temp. rise

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