

## 54050C

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

Please download the latest datasheet of 54050C from the official website of Murata Manufacturing Co.,

http://www.murata.com/en-us/products/productdetail?partno=54050







## **Applications**

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Industrial	
	Equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
Specific	the performance, functions, quality,	
Applications	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	



# Appearance & Shape



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#### 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.

 $2. This \ data{sheet has only typical specifications because there is no space for \ detailed \ specifications.}$ 

Therefore, please review our product specifications or consult the approval sheet for product specifications before ordering.





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## **Specifications**

Height (inch)	0.323inch
Height (mm)	8.2mm
Width (mm)	9.0mm
Depth (mm)	10.8mm
Mounting Option	Surface Mount
Turns Ratio (Pri)	1
Turns Ratio (Sec)	1
Turns Ratio (Sec2)	50
Turns Ratio	1 to 1 to 50
Primary Current Rating (A)	15A
Primary DC Resistance Max. (Ω)	7mΩ
Secondary DC Resistance Max. (Ω)	0.5Ω
Isolation Voltage (V)	1200Vrms
Terminating Resistance (Ω)	50Ω
Packaging style	Reel
Package weight (g)	1g
Package Qty.	450
Short Description	15A Current Sensing Transformers designed to monitor AC currents. The transformers can be used for high frequency current sensing in applications such as switched-mode power supplies, motor control, and electronic lighting ballasts.

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	Transformers designed to
	monitor AC currents. The
	transformers can be used for
Description	high frequency current sensing
	in applications such as
	switched-mode power supplies,
	motor control, and electronic
	lighting ballasts.
Series	5400
	15A Current Sensing
Series Headline	Transformers
	The 5400 series of current
	sense transformers are
	designed to monitor AC
	currents. The transformers can
Series Description	be used for high frequency
	current sensing in applications
	such as switched-mode power
	supplies, motor control, and
	electronic lighting ballasts.

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