

53050C

In Production

RoHS

Applications

Unsuitable Applications	Please be sure to read and comply with these "Precautions for use."
Specific Applications	Consumer equipment, Industrial 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.

Appearance & Shape



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

53050C



Specifications

Height (inch)	0.213inch
Height (mm)	5.4mm
Width (mm)	7.2mm
Depth (mm)	8.3mm
Mounting Option	Surface Mount
Turns Ratio (Pri)	1
Turns Ratio (Sec)	50
Turns Ratio	1 to 50
Primary Current Rating (A)	10A
Primary DC Resistance Max. (Ω)	7mΩ
Secondary DC Resistance Max. (Ω)	1.75Ω
Isolation Voltage (V)	500Vrms
Terminating Resistance (Ω)	50Ω
Packaging style	Reel
Package weight (g)	0.34g
Package Qty.	1000
Short Description	10A 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

Description	10A 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
Series	5300
Series Headline	10A Current Sensing Transformers
Series Description	The 5300 series of current sense transformers are 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.

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