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 BST-12/125-D48-C from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=BST-12%2f125-D48-C

BST-12/125-D48-C

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.

Features

Not Recommended for New Design

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.

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BST-12/125-D48-C

Specifications

Output power (W)Max	3W
Vin(V)	18V to 72V
Vin(V)typ	48V
Vout(V)	12V
Vout(V)typ	12V
LineRegulation (%)	-0.5% to 0.5%
LoadRegulation (%)	-0.5% to 0.5%
Isolation Voltage (V)	1000V
Efficiency (%)	77%
Size(mm)W	20.32mm
Size(mm)L	31.75mm
Size(mm)T	11.43mm
Operatingtemperature(degC)	-40℃ to 75℃
Outputs (#)	2
Iout(A)Max	0.125A
Form	0.8 x 1.25
Package	DIP
Productseries	BST
Product Series Features	Low-Cost, High Reliability 3 Watt, DC-DC Converters
Iout2(A)Max	-0.125A
Vout2 (V)	-12V
Vout2 (V)typ	-12V
Brand	Murata Power Solutions

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