Note: This datasheet may be out of date.
Please download the latest datasheet of MYBSP0055AABF from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=MYBSP0055AABF

mybsp0055aabf

Discontinued 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.
Recommended Applications	PoE [Power over Ethernet]

Features

25.5W, 5Vo/5.1A isolated DC-DC converter for PoE
Support IEEE802.3at/ PoE+ class4
Input voltage ranges from 42.5 to 57V
Small package, 35.5 x 22.4 x 10.55mm
Surface mount module
2250Vdc Input-Output Isolation

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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mybsp0055aabf

Specifications

Output power (W)Max	25.5W
Vin(V)	42.5V to 57V
Vin(V)typ	48V
Vout(V)	5V
Vout(V)typ	5V
Isolation Voltage (V)	2250V
Efficiency (%)	90.5%
Size(mm)W	35.5mm
Size(mm)L	22.4mm
Size(mm)T	10.55mm
Operatingtemperature(degC)	-40℃ to 85℃
Outputs (#)	1
Iout(A)Max	5.1A
Package	SMD
Productseries	MYB
Product Series Features	MYBSP series is isolated DC-DC converter for PoE
Brand	Murata

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