

# mybsp0055aabft

Isolated DC-DC converter with IEEE 802.3at Class 4 PoE PD

In Production

Recommended

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 37 to 57V
- Small package, 35.5 x 22.4 x 10.55mm
- Surface mount module
- 2250Vdc Input-Output Isolation
- Support Type2 PSE Indicator
- Support Adapter ORing

## 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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## Specifications

Output power (W)Max	25.5W
Vin(V)	37V 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°C to 85°C
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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