Note: This datasheet may be out of date.

Please download the latest datasheet of MYBSP01206AZFT from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en/products/productdetail?partno=MYBSP01206AZFT

MYBSP01206AZFT

Isolated DC-DC converter with IEEE 802.3bt Class 8 PoE PD









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.
Recommended	De E (Device ever Ethernet)
Applications	PoE [Power over Ethernet]



Features

72W, 12Vo/6Aisolated DC-DC converter for PoE Support IEEE802.3bt/ PoE++ class8 Input voltage ranges from 41.1 to 57V Small package, 22.2 x 56.4 x 8.6mm, DIP type 2250Vdc Input-Output Isolation Support Adapter ORing and PSE type indicators



Appearance & Shape



1 of 2

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.





Product Search Data Sheet

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MYBSP01206AZFT



Specifications

Output power (W)Max	72W
Vin(V)	41.1V to 57V
Vin(V)typ	48V
Vout(V)	11.64V to 12.36V
Vout(V)typ	12V
Isolation Voltage (V)	2250V
Efficiency (%)	93.2%
Size(mm)W	22.2mm
Size(mm)L	56.4mm
Size(mm)T	8.6mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs (#)	1
lout(A)Max	6A
Package	DIP
Productseries	MYB
Product Series Features	MYBSP series is isolated DC- DC converter for PoE
Brand	Murata

2 of 2

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