

MYBSP01201ABF

Recommended ● **In Production**

MYBSP01201ABF



Isolated DC-DC converter with PFM control for IEEE 802.3af Class 0 PoE PD

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]

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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Appearance & Shape



Size(mm)W	26mm
Size(mm)L	14.8mm
Size(mm)T	6.2mm

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Specifications

Features	12W, 12Vo/1A isolated DC-DC converter with PFM control for PoE PD Support IEEE802.3af/ PoE class0 Input voltage ranges from 37 to 57V Small package, 26 x 14.8 x 6.2mm Surface mount module 2250Vdc Input-Output Isolation
Output power (W)	12W
Iout(A)Max	1A
Vin(V)	37 ~ 57V
Operating Temperature	-40 ~ 85°C
Number of outputs	1
Vout(V)	11.4 ~ 12.6V
Regulation	Unregulated
LineRegulation (%)	-0.4 ~ 0.4%
LoadRegulation (%)	-0.4 ~ 0.4%
Efficiency (%)	84%
Package	SMD
DC Isolation Voltage	2,250Vdc
Productseries	MYB
Product Series Features	MYBSP series is isolated DC-DC converter for PoE
Reference Mass	4,700mg
MSL	2
Brand	Murata

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Features

12W, 12Vo/1A isolated DC-DC converter with PFM control for PoE PD

Support IEEE802.3af/ PoE class0

Input voltage ranges from 37 to 57V

Small package, 26 x 14.8 x 6.2mm

Surface mount module

2250Vdc Input-Output Isolation

References

Mass(Typ.)	
1 piece	4,700mg

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