

# mybsp0122babf

In Production

RoHS

## Appearance & Shape



## Features

25.5W, 12Vo/2.125A 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

### 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.

# mybsp0122babf



## Specifications

Output power(W)Max	25.5W
Vin(V)	42.5V to 57V
Vin(V)typ	48V
Vout(V)	12V
Vout(V)typ	12V
Isolation Voltage(V)	2250V
Efficiency(%)	92.5%
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	2.125A
Package	SMD
Application	PoE
Productseries	MYB
Product Series Features	MYBSP series is isolated DC-DC converter for PoE
Brand	Murata

### 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.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Isolated DC/DC Converters](#) category:*

*Click to view products by [Murata](#) manufacturer:*

Other Similar products are found below :

[ESM6D044440C05AAQ](#) [FMD15.24G](#) [PSL486-7LR](#) [Q48T30020-NBB0](#) [JAHW100Y1](#) [SPB05C-12](#) [SQ24S15033-PS0S](#) [19-130041](#) [CE-1003](#)  
[CE-1004](#) [GQ2541-7R](#) [RDS180245](#) [MAU228](#) [DFC15U48D15](#) [XGS-0512](#) [XGS-1205](#) [XGS-1212](#) [XGS-2412](#) [XGS-2415](#) [XKS-1215](#) [06322](#)  
[NCT1000N040R050B](#) [SPB05B-15](#) [SPB05C-15](#) [L-DA20](#) [DCG40-5G](#) [QME48T40033-PGB0](#) [XKS-2415](#) [XKS-2412](#) [XKS-2405](#) [XKS-1212](#)  
[XKS-1205](#) [XKS-0515](#) [XKS-0505](#) [XGS-2405](#) [XGS-1215](#) [XGS-0515](#) [PS9Z-6RM4](#) [73-551-5038I](#) [AK1601-9RT](#) [VI-R5022-EXWW](#) [PSC128-](#)  
[7iR](#) [RPS8-350ATX-XE](#) [DAS1004812](#) [VI-LJ11-iz](#) [PQA30-D24-S24-DH](#) [VI-M5F-CQ](#) [VI-LN2-EW](#) [VI-PJW01-CZY](#) [CK2540-9ERT](#)