Note: This datasheet may be out of date.
Please download the latest datasheet of MYBSS054R6EBF from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=MYBSS054R6EBF

mybss054r6ebf

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

30W, 54V/0.6Aboost-up isolated DC-DC converter for PSE of PoE
Input voltage ranges from 10.8 to 27V
Small package, 35.5 x 22.4 x 8.9mm
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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mybss054r6ebf

Specifications

Output power (W)Max	30W
Vin(V)	10.8V to 27V
Vin(V)typ	24V
Vout(V)	54V
Vout(V)typ	54V
Isolation Voltage (V)	2250V
Efficiency (%)	90.5%
Size(mm)W	35.5mm
Size(mm)L	22.4mm
Size(mm)T	8.9mm
Operatingtemperature(degC)	-40℃ to 85℃
Outputs (#)	1
Iout(A)Max	0.6A
Package	SMD
Productseries	MYB
Product Series Features	MYBSS series is boost-up isolated DC-DC converter for PoE especially PSE.
Brand	Murata

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