

# MPQ0125V3NBMC

In Production

Recommended

New

RoHS

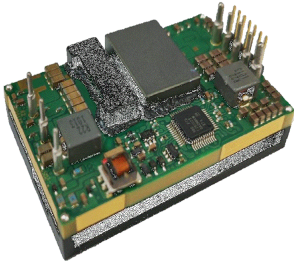
## Applications

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	Base Station

## Features

12V, 257A, Single Output, Quarter -Brick, 18-75V Input Range, Negative Logic, Baseplate, PMBus, RoHS.

## Appearance & Shape



### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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	300W
Vin(V)	18V to 75V
Vin(V)typ	48V
Vout(V)	9.6V to 13.2V
Vout(V)typ	12V
LineRegulation (%)	-0.02%
LoadRegulation (%)	-0.02%
Isolation Voltage (V)	2250V
Efficiency (%)	94%
Size(mm)W	36.8mm
Size(mm)L	58.4mm
Size(mm)T	14.4mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs (#)	1
Iout(A)Max	25A
Form	1/4tr Brick
Package	DIP
Productseries	MPQ300W
Product Series Features	MPQ300, 1/4tr Brick
Regulation	Regulated
Safety Approval	UL-62368-1
Brand	Murata Power Solutions

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