

# UEI15-050-Q48P-C

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.

## Features

15 Watt, 5V, Single Output Isolated DC-DC Converter, Wide 18-75V Input Range, 1x1 package, Positive Polarity

## 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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## Specifications

Output power (W)Max	15W
Vin(V)	18V to 75V
Vin(V)typ	48V
Vout(V)	5V
Vout(V)typ	5V
LineRegulation (%)	0.05%
LoadRegulation (%)	0.06%
Isolation Voltage (V)	2250V
Efficiency (%)	86%
Size(mm)W	24.4mm
Size(mm)L	27.9mm
Size(mm)T	8.4mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs (#)	1
Iout(A)Max	3A
Form	1 x 1
Package	DIP
Productseries	UEI
Product Series Features	Isolated Wide Input Range 15-Watt DC-DC Converters
Safety Approval	These devices meet UL/CSA60950 and IEC/EN60950 safety standards, including BASIC insulation requirements. Q48 models are CE marked (meet the requirements of LVD).
Brand	Murata Power Solutions

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