

UEI-12/4.2-Q12P-C



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


50 Watt, 12V, Single Output Isolated DC-DC Converter, Wide 9-36V Input Range, 1.6x2 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	50.4W
Vin(V)	9V to 36V
Vin(V)typ	24V
Vout(V)	12V
Vout(V)typ	12V
LineRegulation (%)	0.05%
LoadRegulation (%)	0.05%
Isolation Voltage (V)	2000V
Efficiency (%)	89.5%
Size(mm)W	38.1mm
Size(mm)L	48.3mm
Size(mm)T	9.7mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs (#)	1
Iout(A)Max	4.2A
Form	2 x 1.6
Package	DIP
Productseries	UEI
Product Series Features	50-60W Isolated Wide-Range DC-DC Converters
Safety Approval	These devices meet UL/CSA60950 and IEC/EN60950 safety standards, including BASIC insulation requirements.
Brand	Murata Power Solutions

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