



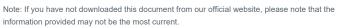
UEI-12/4.2-Q12P-C

Discontinued

Applications

RoHS

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment,Industrial	
	Equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
Specific	the performance, functions, quality,	
Applications	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	



Please download the latest datasheet of UEI-12/4.2-Q12P-C from the official website of Murata

http://www.murata.com/en-us/products/productdetail?partno=UEI-12%2f4.2-Q12P-C

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.





UEI-12/4.2-Q12P-C

Note: If you have not downloaded this document from our official website, please note that the information provided may not be the most current.

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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
lout(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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