

# CRV1D0512SC

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

12V, 3kVDC Isolated 1W dual output, DC-DC Converters, 4.5 - 5.5V input

## 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	1W
Vin(V)	4.5V to 5.5V
Vin(V)typ	5V
Vout(V)	12V
Vout(V)typ	12V
LineRegulation (%)	-1.2% to 1.2%
LoadRegulation (%)	7%
Isolation Voltage (V)	3000V
Efficiency (%)	79%
Size(mm)W	19.5mm
Size(mm)L	6.0mm
Size(mm)T	10.0mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs (#)	2
Iout(A)Max	0.042A
Package	SIP
Productseries	CRV
Product Series Features	3kVDC Isolated 1W Single & Dual Output DC-DC converters
Regulation	Unregulated
Safety Approval	UL60950
Iout2(A)Max	-0.042A
Vout2 (V)	-12V
Vout2 (V)typ	-12V
Brand	Murata Power Solutions

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