

# MER1S4812SC

In Production

Recommended

RoHS

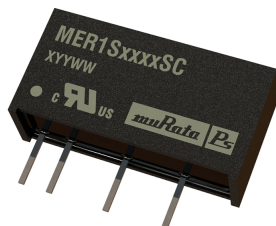
## Applications

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 84mA, Isolated 1W Single Output 1kVDC, DC-DC Converter, 43.2V-52.8V 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)	43.2V to 52.8V
Vin(V)typ	48V
Vout(V)	12V
Vout(V)typ	12V
LineRegulation (%)	-1.1% to 1.1%
LoadRegulation (%)	2.4%
Isolation Voltage (V)	1000V
Efficiency (%)	82.5%
Size(mm)W	19.65mm
Size(mm)L	7.65mm
Size(mm)T	10.15mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs (#)	1
Iout(A)Max	0.084A
Package	SIP
Productseries	MER
Product Series Features	1kVDC Isolated 1W Single Output DC-DC Converters
Regulation	Unregulated
Safety Approval	UL60950
Brand	Murata Power Solutions

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