

MER1S4812SC

In Production

Recommended

RoHS

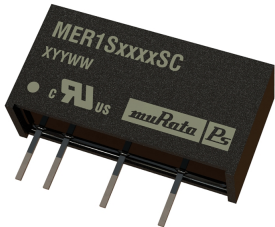
Applications

| | |
|-------------------------|--|
| 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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