

MGJ2D122003SC

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.
Recommended Applications	Gate driver power supply

Features

20V/-3.5V, 80mA/80mA,
2W Dual Output 5.2kVDC, DC-DC Converter,
10.8-13.2V 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	2W
Isolation Voltage (V)	5200V
Isolation capacitance(pF)	3pF
Vin(V)	10.8V to 13.2V
Vin(V)typ	12V
Vout(V)	20V
Vout(V)typ	20V
LineRegulation (%)	-1.2% to 1.2%
LoadRegulation (%)	10%
Efficiency (%)	82%
Size(mm)W	19.5mm
Size(mm)L	9.8mm
Size(mm)T	12.5mm
Operatingtemperature(degC)	-40°C to 95°C
Outputs (#)	2
Iout(A)Max	0.08A
Package	SIP
Productseries	MGJ2
Product Series Features	5.2kVDC Isolated 2W Gate Drive DC-DC Converters
Safety Approval	UL60950
Vout2 (V)	-3.5V
Vout2 (V)typ	-3.5V
Iout2(A)Max	0.08A
Brand	Murata Power Solutions

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