

Product Search Data Sheet

## MGJ2D121505MPC



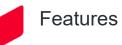
## Applications

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.	
Recommended		
Applications	Gate driver power supply	

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

Please download the latest datasheet of MGJ2D121505MPC from the official website of Murata

http://www.murata.com/en/products/productdetail?partno=MGJ2D121505MPC



15V/-5V, 100mA/100mA, Isolated 2W Dual Output 5.7kVDC, DC-DC

## Appearance & Shape



1 of 2

### 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.





# MGJ2D121505MPC

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## Specifications

Output power (W)Max	2W
Isolation Voltage (V)	5700V
Isolation capacitance(pF)	ЗрF
Vin(V)	10.8V to 13.2V
Vin(V)typ	12V
Vout(V)	15V
Vout(V)typ	15V
LineRegulation (%)	1.25%
LoadRegulation (%)	14%
Efficiency (%)	77%
Size(mm)W	14.99mm
Size(mm)L	19.94mm
Size(mm)T	4.41mm
Operatingtemperature(degC)	-40°C to 90°C
Outputs (#)	2
lout(A)Max	0.1A
Package	SMD
Productseries	MGJ2 SM

	The MGJ2 series of DC-DC
	converters is ideal for
	powering 'high side' and 'low
	side' gate drive circuits for
	IGBTs/SiC and MOSFETs in
	bridge circuits. A choice of
	asymmetric output voltages
	allows optimum drive levels for
roduct Series Features	best system
Toduci Selles Features	efficiency. The MGJ2 series is
	characterised for high isolation
	requirements commonly seen
	in bridge
	circuits used in motor drives
	and inverters, while the MGJ2
	industrial grade temperature
	rating and construction gives
	long service life and reliability.
out2 (V)	-5V
out2 (V)typ	-5V
oadRegulation2 (%)	12%
out2(A)Max	0.1A
	1
rand	Murata Power Solutions

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