

# NKE0505SC

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

5V 200mA, Isolated Sub-Miniature 1W Single Output 3kVDC, DC-DC Converters, 4.5V-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)	5V
Vout(V)typ	5V
LineRegulation (%)	-1.2% to 1.2%
LoadRegulation (%)	15%
Isolation Voltage (V)	3000V
Efficiency (%)	69%
Size(mm)W	11.53mm
Size(mm)L	6.1mm
Size(mm)T	7.46mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs (#)	1
Iout(A)Max	0.2A
Package	SIP
Productseries	NKE
Product Series Features	Isolated Sub-Miniature 1W Single Output DC-DC Converters
Regulation	Unregulated
Safety Approval	UL60950
Brand	Murata Power Solutions

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