

# NXE1S0305MC

In Production

Recommended

RoHS

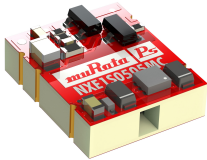
## Applications

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 1W Input Single Output DC-DC Converter  
3kVDC, 2.97-3.63V 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.

# NXE1S0305MC



## Specifications

Output power (W)Max	1W
Vin(V)	2.97V to 3.63V
Vin(V)typ	3.3V
Vout(V)	5V
Vout(V)typ	5V
LineRegulation (%)	-1.2% to 1.2%
LoadRegulation (%)	15%
Isolation Voltage (V)	3000V
Efficiency (%)	70%
Size(mm)W	10.41mm
Size(mm)L	12.7mm
Size(mm)T	4.36mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs (#)	1
Iout(A)Max	0.2A
Package	SMD
Productseries	NXE
Product Series Features	Isolated 1W Single Output SM DC-DC Converters
Regulation	Unregulated
Safety Approval	UL60950,ANSI/AAMIES60601- 1
Brand	Murata Power Solutions

### 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.