

# MEE1S0312SC

In Production

Recommended

RoHS

## Appearance & Shape



## Features

12V 83mA, Isolated 1W Single Output DC-DC Converter  
1KVDC, 2.97-3.63V Input

### Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

# MEE1S0312SC



## Specifications

Output power(W)Max	1W
Vin(V)	2.97V to 3.63V
Vin(V)typ	3.3V
Vout(V)	12V
Vout(V)typ	12V
LineRegulation(%)	-1.1% to 1.1%
LoadRegulation(%)	11%
Isolation Voltage(V)	1000V
Efficiency(%)	84%
Size(mm)W	11.53mm
Size(mm)L	6.1mm
Size(mm)T	10.0mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs(#)	1
Iout(A)Max	0.083A
Package	SIP
Productseries	MEE
Product Series Features	Isolated 1W Single Output DC-DC Converters
Regulation	Unregulated
Safety Approval	UL60950
Brand	MPS

### 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.