

# MYRGC075050R31RA

Discontinued

RoHS

## Appearance & Shape



## Features

The MYRGCseries is a 18V operation synchronous step-down DC/DC converter ICs with a built-in high-side / low-side driver transistor.

### 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.

# MYRGC075050R31RA



## Specifications

Iout(A)Max	0.5A
Vin(V)	3V to 18V
Vout(V)	1V to 15V
Vout(V)typ	12V
Outputs (#)	1
Efficiency (%)	85%
Switching frequency (kHz)	1200kHz
Size(mm)W	3.0mm
Size(mm)L	3.0mm
Size(mm)T	1.7mm
Operatingtemperature(degC)	-40°C to 105°C
Circuit topology	Buck(Step-down)
Package	SMD
Type	Modules (integrated components)
Productseries	MYRGC
Product Series Features	0.5A Inductor Built-in Step-down DC-DC Converter
Brand	Murata

### 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.