

MYMGA5R04RELA5RA



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

Input voltage ranges from 8 to 16V
Absolute maximum input voltage: 40V
Settable output voltage from 3.3 to 5V
Up to 4 Amps of output current
Quick transient response to load change
Small package, 10.5 x 9 x 5.5mm
Over current protection
Thermal Protection
Enable control
Power Good signal

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.

MYMGA5R04RELA5RA



Specifications

Iout(A)Max	4A
Vin(V)	8V to 16V
Vin(V)typ	12V
Vout(V)	3.3V to 5V
Vout(V)typ	5V
LineRegulation (%)	-1% to 1%
LoadRegulation (%)	-1% to 1%
Outputs (#)	1
Efficiency (%)	94%
Switching frequency (kHz)	400kHz
Size(mm)W	9.0mm
Size(mm)L	10.5mm
Size(mm)T	5.5mm
Operatingtemperature(degC)	-40°C to 125°C
Circuit topology	Buck(Step-down)
Package	SMD
Type	Modules (integrated components)
Productseries	MYMGA
Product Series Features	MYMGA series which is POL (Point of Load) is single output MonoBK.
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.