

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.

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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

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