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# MYRGP180060B21RC

2V to 6V input voltage, 1.8V output voltage up to 0.6A, Buck Converter with 85degC Ta

In Production | Recommended | New | RoHS

## Applications

| | |
|---|---|
| Unsuitable Applications | Please be sure to read and comply with these "Precautions for use." |
| Specific Applications | Consumer equipment,Industrial Equipment<br>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. |
| Recommended Applications | Processor [ASIC / FPGA / xPU],Optical Backbone network,Optical Module, Server,Storage,Switch,Industrial Equipment |

## Features

The MYRGP-W/B series is a synchronous step-down mini DC/DC converter which integrates an inductor and a control IC in one tiny package (2.5mm×2.0mm, H=1.0mm).

## 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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# MYRGP180060B21RC

## Specifications

| | |
|---|---|
| Iout(A)Max | 0.6A |
| Vin(V) | 2V to 6V |
| Vin(V)typ | 5V |
| Vout(V) | 1.8V |
| Vout(V)typ | 1.8V |
| Outputs (#) | 1 |
| Efficiency (%) | 90% |
| Switching frequency (kHz) | 3000kHz |
| Size(mm)W | 2.0mm |
| Size(mm)L | 2.5mm |
| Size(mm)T | 1.0mm |
| Operatingtemperature(degC) | -40℃ to 85℃ |
| Circuit topology | Buck(Step-down) |
| Package | SMD |
| Type | Modules (integrated components) |
| Productseries | MYRGP |
| Product Series Features | Inductor Built-in Step-Down “mini DC/DC” Converters |
| Brand | Murata |



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