

# MYRBP500080W21RD

In Production

Recommended

New

RoHS



## Appearance & Shape



## Features

The MYRBP-W series is a synchronous step-up mini DC/DC converter which integrates an inductor and a control IC in one tiny package.

### 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.

# MYRBP500080W21RD



## Specifications

|                            |                                           |
|----------------------------|-------------------------------------------|
| Iout(A)Max                 | 0.6A                                      |
| Vin(V)                     | 0.65V to 6V                               |
| Vout(V)                    | 5V                                        |
| 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°C to 85°C                             |
| Circuit topology           | Boost(Step-up)                            |
| Package                    | SMD                                       |
| Type                       | Modules (integrated components)           |
| Productseries              | MYRBP                                     |
| Product Series Features    | Inductor Built-in Step-up DC/DC Converter |
| Brand                      | Murata                                    |

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