

MYPMA01218RCF-CCB

In Production

Recommended

RoHS

Appearance & Shape




Features

- Input voltage ranges from 36 to 75V
- 2 outputs voltage, 12V and 5V
- Up to 10 A of output current and 120W(216W peak)
- Small package, 86.5 x 122.4 x 35.4mm
- Light weight, 160g
- IP56 compliance
- Vibration-proof case design
- Current limit and short circuit protection
- Thermal protection

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.

MYPMA01218RCF-CCB



Specifications

Iout(A)Max	10A
Vin(V)	36V to 75V
Vin(V)typ	48V
Vout(V)	12V
Vout(V)typ	12V
LineRegulation (%)	-5% to 5%
LoadRegulation (%)	-5% to 5%
Outputs (#)	2
Efficiency (%)	95%
Switching frequency (kHz)	102kHz
Size(mm)W	122.36mm
Size(mm)L	86.5mm
Size(mm)T	35.3mm
Operatingtemperature(degC)	-20°C to 85°C
Circuit topology	Buck(Step-down)
Package	Connector
Type	Modules (integrated components)
Productseries	MYPMA
Product Series Features	MYPAM series is non-isolated DC-DC converter for E-Bike/Scooter's auxiliary applications.
Iout2(A)Max	1A
Vout2 (V)	5V
Vout2 (V)typ	5V

LineRegulation2 (%)	5%
LoadRegulation2 (%)	5%
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.