

Note: This datasheet may be out of date. Please download the latest datasheet of MYPMA01218RCF-CAB from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=MYPMA01218RCF-CAB

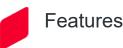
## mypma01218rcf-cab

36V to 75V input voltage, 12V output voltage up to 10A, Buck Converter with 85degC Ta



## Applications

Unsuitable	Please be sure to read and comply with	
Applications	these "Precautions for use."	
	Consumer equipment, Industrial	
	Equipment	
	Please refer to Our Website and	
	specifications, etc. for information about	
Specific	the performance, functions, quality,	
Applications	management, and safety required for	
	the above applications, and use	
	Products after confirming the	
	performance and reliability of the actual	
	Product.	



### Input voltage ranges from 36 to 75V Fixed outputs voltage, 12V Up to 10 Aof 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 protecton Thermal protection

### 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





Product Search Data Sheet

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INNOVATOR IN ELECTRONICS

### Specifications

lout(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 (#)	1
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
Туре	Modules (integrated components)
Productseries	МҮРМА
Product Series Features	MYPAM series is non-isolated DC-DC converter for E- Bike/Scooter's auxiliary applications.
Brand	Murata

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