Note: This datasheet may be out of date.

Please download the latest datasheet of MYTNC1R86RELA2RA from the official website of Murata Manufacturing Co., Ltd.

http://www.murata.com/en-us/products/productdetail?partno=MYTNC1R86RELA2RA

MYTNC1R86RELA2RA

6V to 14.4V input voltage, 6A, Buck Converter with 120degC Tj









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.	
	Processor [ASIC / FPGA / xPU],Optical	
Recommended	Backbone network, Optical Module,	
Applications	Server,Storage,Switch,Base Station,	
	Industrial Equipment	



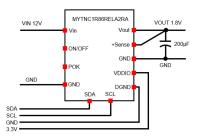
Features

PGOOD signal, Over Current Protection, Over Temperature Protection, Remote ON/OFF, Voutsense, I2C



Appearance & Shape





1 of 2

Attentior

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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MYTNC1R86RELA2RA



Specifications

lout(A)Max	6A
Vin(V)	6V to 14.4V
Vin(V)typ	12V
Vout(V)	0.7V to 1.8V
Vout(V)typ	0.7V
LineRegulation (%)	-1% to 1%
LoadRegulation (%)	-1% to 1%
Outputs (#)	1
Efficiency (%)	90%
Switching frequency (kHz)	1000kHz
Size(mm)W	10.5mm
Size(mm)L	9.0mm
Size(mm)T	2.1mm
Operatingtemperature(degC)	-40°C to 105°C
Circuit topology	2 stage buck
Package	SMD
Productseries	UltraBK
Product Series Features	Ultra-thin Efficient 6A DCDC converter module UltaBK
Brand	Murata

2 of 2

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