

BAC05S12DC

In Production

Recommended

New

RoHS



Appearance & Shape



Features

12V 0.42A, Isolated 5W Regulated Single Output 4.25kVAC, AC-DC Converters, 85-264VAC/120-370VDC Input


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.

BAC05S12DC



Specifications

Safety Approval	UL62368 EN62368
Brand	MPS

Output power(W)Max	5W
Vin(VAC)	85Vac to 264Vac
Vin(VAC)typ	230Vac
Vin(VDC)	120Vdc to 370Vdc
Vout(V)	12V
Vout(V)typ	12V
LineRegulation(%)	-0.5% to 0.5%
LoadRegulation(%)	-1% to 1%
Isolation Voltage(V)	4250V
Efficiency(%)	79%
Size(mm)W	25.4mm
Size(mm)L	25.4mm
Size(mm)T	16.3mm
Operatingtemperature(degC)	-40°C to 85°C
Outputs(#)	1
Iout(A)Max	0.42A
Package	DIP
Productseries	BAC05

Product Series Features	<p>The BAC05 series delivers an output power of 5 watts from -40°C to 55°C, operating up to 85°C with derating, from AC or DC input voltages. The BAC05 series small footprint is EMC class B compliant without the need of any external components. The BAC05 series is suited to medical applications with 1 MOPP and 2 MOOP.</p> <p>With high efficiency at low loads and low no load power consumption, the BAC05 supports standby mode operation for applications in industrial, medical, automation, IoT as well as household and home automation.</p>
-------------------------	--