

BAC05S05DC

In Production

Recommended

New

RoHS

Applications

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

Features

5V 1A, Isolated 5W Regulated Single Output 4.25kVAC, AC-DC Converters, 85-264VAC/120-370VDC Input

Appearance & Shape



Attention

1. This datasheet is downloaded from the website of Murata Manufacturing Co., Ltd. Therefore, its 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.

BAC05S05DC



Specifications

Output power (W)Max	5W
Vin (VAC)	85Vac to 264Vac
Vin (VAC)typ	230Vac
Vin (VDC)	120Vdc to 370Vdc
Vout(V)	5V
Vout(V)typ	5V
LineRegulation (%)	-0.5% to 0.5%
LoadRegulation (%)	-1% to 1%
Isolation Voltage (V)	4700V
Efficiency (%)	75.5%
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	1A
Package	DIP
Productseries	BAC05

Product Series Features	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. 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.
Safety Approval	UL62368-1, EN62368-1, IEC61558-1, IEC61558-2-16, ANSI/AAMI ES60601-1
Brand	Murata Power Solutions

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