

# BH Series

## DC-DC Converter Half Brick



### FEATURES

- Standard half brick size  
61.0 x 57.9 x 13.2mm  
2.4 x 2.28 x 0.51 inch
- Ind. Standard footprint & pin out
- High efficiency: 87% (12V out)
- Wide input range: 36 - 75VDC
- Rem. control, trim, sense functions
- Over-current, Over-voltage and Over-temperature protections

### ENVIRONMENTAL

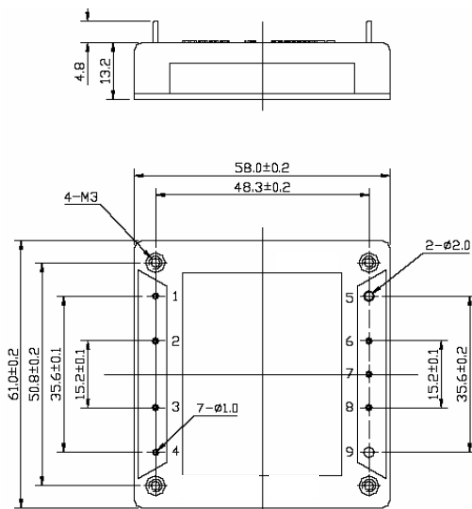
Storage Temp: -55°C to +125°C

Operating Temp: -40°C to +105°C

### SAFETY / EMC

UL, TUV, CE, CSA

### MECHANICAL



### ELECTRICAL SPECIFICATIONS

#### INPUT

Input voltage range 36 - 75VDC

#### OUTPUT

Volt set point accuracy 50mV max

Voltage adjust ±10% V out

Line regulation ±0.1% V out

Load regulation ±0.2% V out

Ripple & Noise 200mV p-p

Over-temp. Protection 100 - 125°C

### ORDERING INFORMATION

Model	Input	Output	Power	Size (mm)
BH33S48G	36 - 75VDC	3.3V/10A	33W	61 x 57.9 x 13.2
BH66S48G	36 - 75VDC	3.3V/20A	66W	61 x 57.9 x 13.2
BH75S48H	36 - 75VDC	5V/15A	75W	61 x 57.9 x 13.2
BH100S48G	36 - 75VDC	3.3V/33A	100W	61 x 57.9 x 13.2
BH100S48I	36 - 75VDC	8V/12.5A	100W	61 x 57.9 x 13.2
BH100S48K	36 - 75VDC	12V/8.3A	100W	61 x 57.9 x 13.2
BH150S48H	36 - 75VDC	5V/30A	150W	61 x 57.9 x 13.2
BH150S48M	36 - 75VDC	15V/10A	150W	61 x 57.9 x 13.2
BH350S48P	36 - 75VDC	28V/12.5A	350W	61 x 57.9 x 13.2

#### Pin Assignment

1	2	3	4	5	6	7	8	9
-Vin	Case	CNT	+Vin	-Vout	-S	Trim	+S	+Vout

Specifications subject to change without notice

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