

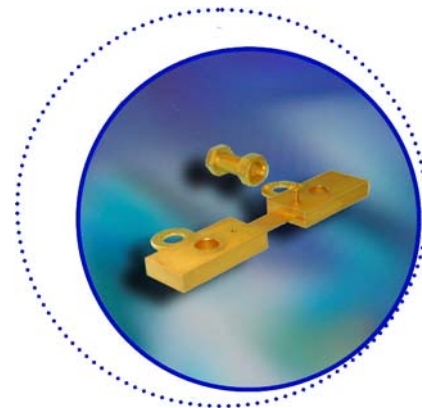
HIGH CURRENT CHASSIS MOUNT SHUNT RESISTORS

Features

- Excellent long-term stability.
- Low TCR.
- Easy current measurement.
- High current shunt resistors.
- Low loss, extremely low sense voltage.

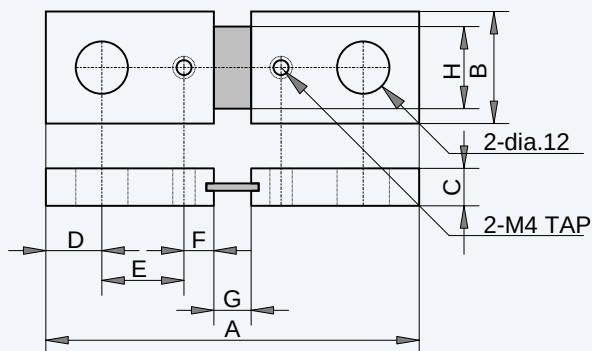
Applications

- High precision power supplies.
- Power converters.
- Current measurement instrumentation.
- Power generation industry equipment.



Specifications and Performances

Dimensions (mm)



+/-0.2 mm	BHCS100	BHCS200	BHCS400	BHCS1000
A	100	100	100	100
B	30	30	30	70
C	10	10	10	20
D	15	15	15	15
E	22	22	22	22
F	8	8	8	8
G	10	10	10	10
H	13	26	26	65

Material

Terminal: Cu plated Ni.
Resistance: Manganin.
Junction: Weld.

Specifications subject to change without notice

ITEM	BHCS 100	BHCS 400	BHCS 600	BHCS 1000
Current Rating	100A	400A	600A	1000A
Output Voltage ¹	60mV	60mV	60mV	60mV
Resistance (milliohms)	(0.6)	(0.15)	(0.1)	(0.06)
Tolerance (%)	±1	±1	±1	±1
TCR (ppm/°C)	±100	±100	±100	±100
Thermal Resistance (°C/W)	1.5	0.55	0.42	0.23
Operating Temp.	-55 - +125 °C			
Storage Temp.	-55 - +125 °C			
Weight (Kg)	0.24	0.24	0.24	0.56

Note:

- (1) 100 mV rating voltage is available.
- (2) Test data is available on request.
- (3) Terminal screws are available

Ordering Information

Model **BHCS** **1000** **F**

Current Rating
1000A : 1000

Tolerance
F = 1% Tol

BHCS