

Pinout for BC3kW Battery Charger AMP Seal Connector

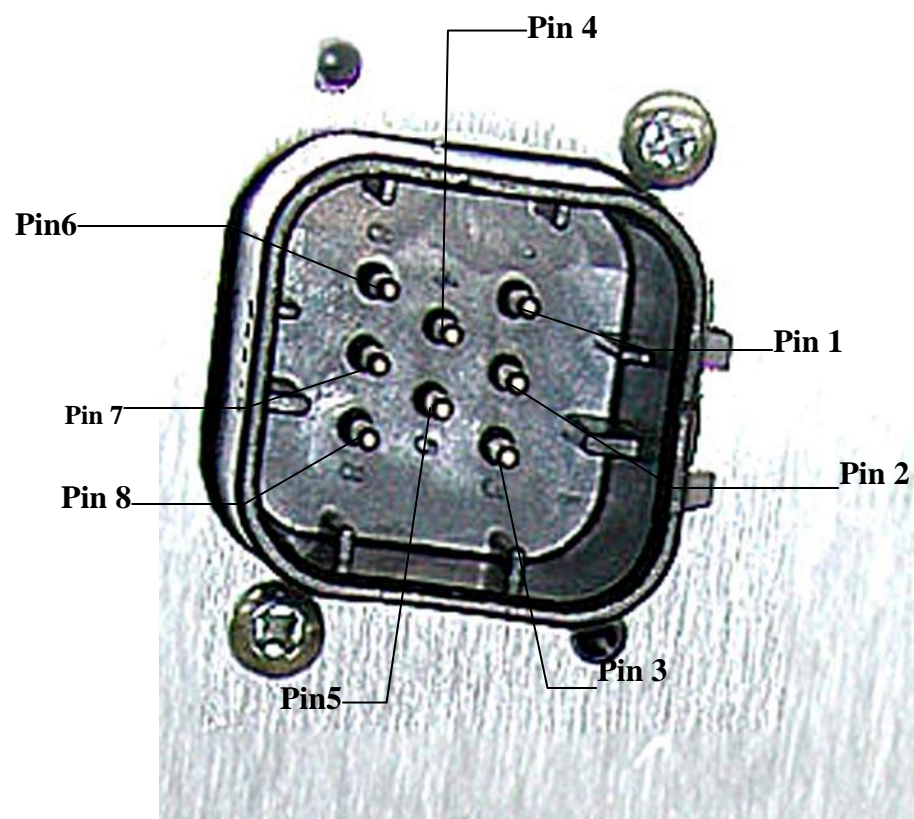
(4/5/05)

Signals and Pinouts

Communication Port (AMP SEAL 8 pin)

Note: all signals on this port are isolated from earth, digital and analog ground.

Pin	Name	Function	Comments
1	TxD	RS232 transmit	output
2	RxD	RS232 receive	input
3	GND	Ground	(floating)
4	CANH	CAN High	
5	GND	Ground	(floating)
6	CANL	CAN Low	
7	NC		non-connected
8	NC		non-connected



Control port (AMPSEAL 14 pin)

Note: some signals on this port are referenced to earth, digital and analog ground

Pin	Name	Function	Comments
1	TEMP2	Battery temperature sense 2	Battery temperature sensor 2 (+)
2	RESERVED		Do not connect
3	RESERVED		Do not connect
4	RESERVED		Do not connect
5	RESERVED		Do not connect
6	TEMP1	Battery temperature sense 1	Battery temperature sensor 1 (+)
7	RESERVED		Do not connect
8	RESERVED		Do not connect
9	RESERVED		Do not connect
10	LED1 (red)	LED1 output with 332 ohm resistor	Red LED Output (5V)
11	LED2 (green)	LED2 output with 332 ohm resistor	Green LED Output (5V)
12	VCC_R	VCC with internal 1.82K resistor	Do not connect
13	GND_R	GND with internal 200 Ohm resistor	Do not connect
14	GND	Digital ground	Used as reference for temperature sensor and LED output

