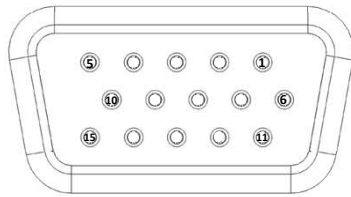


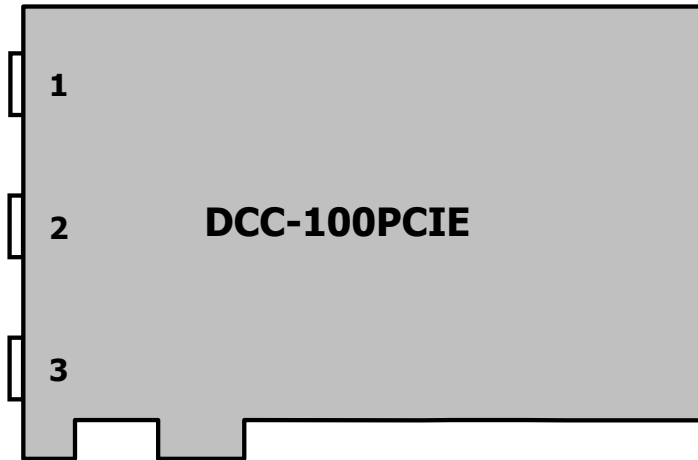
## DCC-100 / DCC-100PCIe – Detector Controller Card



Connector 1

Connector 2

Connector 3



### Connector 1

(Sub-D 15 Pin):

- 1: +5 V Out Switchable
- 2: Peltier +
- 3: Peltier +
- 4: Peltier +
- 5: Ground
- 6: -5 V Out Switchable
- 7: Peltier -
- 8: Peltier -
- 9: Peltier -
- 10: +12 V Out Switchable <sup>(1)</sup>
- 11: -12 V Out
- 12: 0...+10 V HV/Gain Control Signal <sup>(1)</sup>
- 13: 0...+0.9 V HV/Gain Control Signal <sup>(1)</sup>
- 14: /OVL1 Input
- 15: Ground

### Connector 2

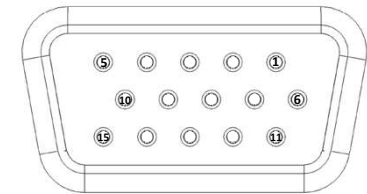
(Sub-D 15 Pin):

- 1: +5 V Out Switchable
- 2: Bit 0 Open Drain Out <sup>(2)</sup>
- 3: Bit 1 Open Drain Out <sup>(2)</sup>
- 4: Bit 2 Open Drain Out <sup>(2)</sup>
- 5: Ground
- 6: -5 V Out Switchable
- 7: Bit 3 Open Drain Out <sup>(2)</sup>
- 8: Bit 4 Open Drain Out <sup>(2)</sup>
- 9: Bit 5 Open Drain Out <sup>(2)</sup>
- 10: +12 V Out Switchable
- 11: -12 V Out
- 12: Bit 6 Open Drain Out <sup>(2)</sup>
- 13: Bit 7 Open Drain Out <sup>(2)</sup>
- 14: - do not connect -
- 15: Ground

### Connector 3

(Sub-D 15 Pin):

- 1: +5 V Out Switchable
- 2: Peltier +
- 3: Peltier +
- 4: Peltier +
- 5: Ground
- 6: -5 V Out Switchable
- 7: Peltier -
- 8: Peltier -
- 9: Peltier -
- 10: +12 V Out Switchable <sup>(3)</sup>
- 11: -12 V Out
- 12: 0...+10 V HV/Gain Control Signal <sup>(3)</sup>
- 13: 0...+0.9 V HV/Gain Control Signal <sup>(3)</sup>
- 14: /OVL3 Input
- 15: Ground



- (1) /OVL1 shuts the Output Down
- (2) /OVL1 or /OVL3 shuts the Output to High-Impedance (Factory Default)
- (3) /OVL3 shuts the Output Down