NOTES:

1) Board has 4 SIIM channels that can be configured to switch 12V or 48V to an external device. RS232 or TTL serial (for CH3 & 4) is provided via the DigiConnects.
2) SIIM Board can be used to power 12V external loads on J5 up to 60 Watts minus wattage to 12V sourced loads on Channels 1 - 4.
3) Wire points on CHs 3 & 4 allow off board signals to be relay controlled using the DigiConnects on CHs 3 & 4.
4) CH 1 has an NC relay with NO connected to 12V designed to introduce a ctrl-break character if necessary.

Configuration:

1) For 12V jumper settings, choose R2,R5,R8, or R11 = 0 ohm. For 48V jumper, use resistor values as shown.
2) Channels 3 & 4 can be configured for TTL serial operation.
   Remove channel resistors to transceiver U7 and install the two buffers. DO NOT install buffers for standard RS232 operation.
3) Install R23 or R25 only if device connected needs a pullup resistor on Its Tx to the board.
4) R21 & R22 to be installed only if CH3 is used to control the relays of CH4. In this case DO NOT install ME4.
5) For external signal connections to relays K7 or K9, DO NOT install buffer gates or resistors to RS232 transceiver.

These connections for cooling fans

Standoff points for a cooling fan