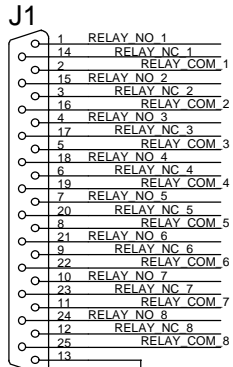


RELAY SECTION

LAYOUT NOTE:

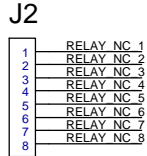
J2, J3, J4 are placed side by side (0.1" centers) with J3 in the middle.
 Connect J3 pin directly to corresponding pin on J5.
 Connect J3 pin directly to corresponding pin on J4 with a 0.1" run on the top or bottom layer (i.e. not buried).
 Connect all J4 pins only to the GND_PWR plane.

Repeat for J7, J8, J9 (& J5).

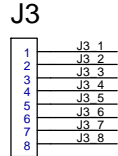


DB25
MALE

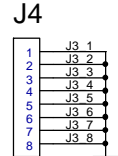
VIEW LOOKING INTO COMPONENT
SIDE OF BOARD
90 DEGREE PCB MOUNT



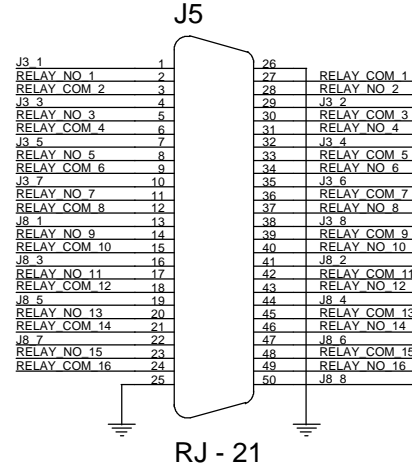
0.1" centers
JTSW10808GS



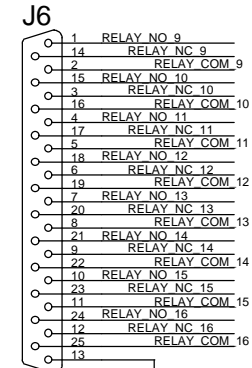
0.1" centers
JTSW10808GS



0.1" centers
JTSW10808GS

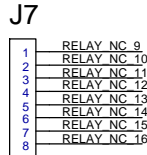


RJ - 21

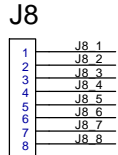


DB25
MALE

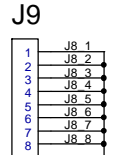
VIEW LOOKING INTO COMPONENT
SIDE OF BOARD
90 DEGREE PCB MOUNT



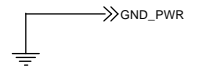
0.1" centers
JTSW10808GS



0.1" centers
JTSW10808GS



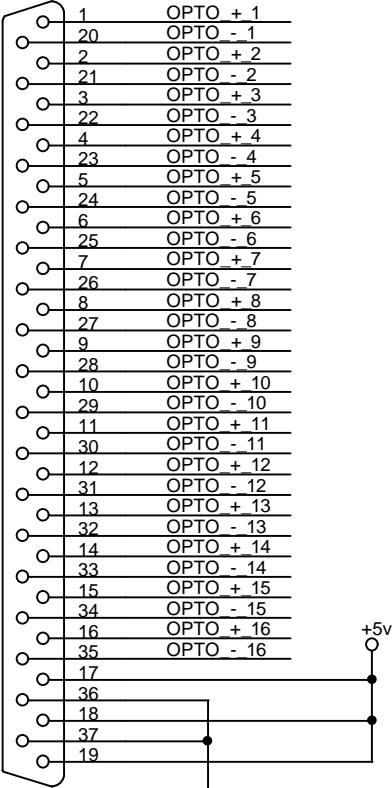
0.1" centers
JTSW10808GS



| | | |
|--------------------------------------------------|-------------------------|--------------|
| Sierra Automated Systems & Engineering Corp. | | |
| Title GPI1600 Opto/Relay Adapter Board | | |
| Size B | Document Number | Rev A |
| Date: | Friday, August 12, 2005 | Sheet 1 of 2 |

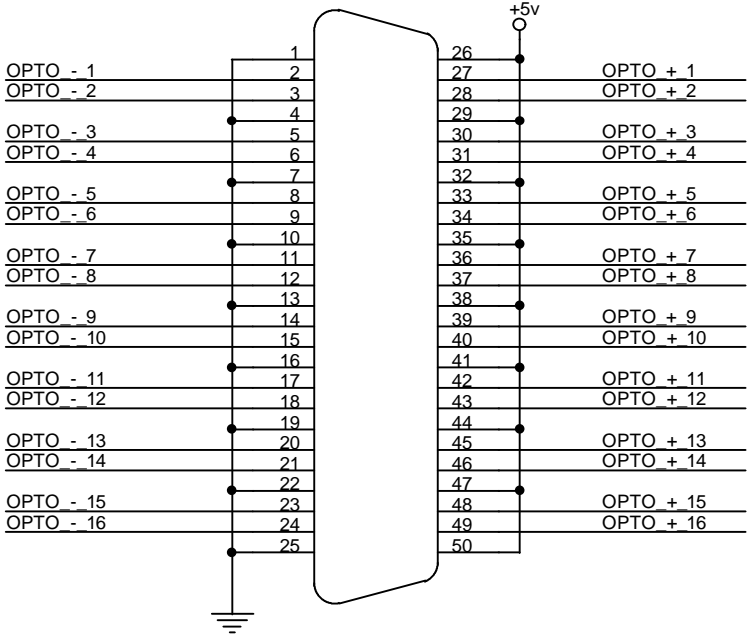
OPTO SECTION

J10

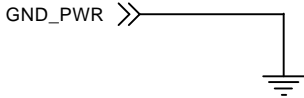


DC37

J11



RJ - 21



Sierra Automated Systems & Engineering Corp.

Title
GPI1600 Opto/Relay Adapter Board

Size A Document Number Rev A

Date: Friday, August 12, 2005 Sheet 2 of 2