



**NOTE**

**12V POWER DO NOT CONNECT BOARD Vcc TO Vcc(3.3 or 5V) ON A MICROCONTROLLER**

- 1: For Isolated Relay Power: Remove Jumper from "COM & GND" Supply an external +12V to Vcc Pin 1 and - to "GND" Pin Connect Signal Source (Controller) GND to "COM" Pin Connect Signal source to Input Pin (s)
- 2: To use a common "GND": Place Jumper on "COM & GND" Supply an external +12V to Vcc Pin 1 and - to "GND" Pin Connect Signal Source (Controller) GND to "COM or GND" Pin Connect Signal source to Input Pin (s)

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| <b>www.mpja.com</b>                    |                                 |      |
| <b>Title 12V 4 Channel Relay Board</b> |                                 |      |
| Size                                   | Document Number <b>33330-MP</b> | Rev. |
| Date                                   | Sheet                           |      |