

Specifications

Power Supply : +160V, -12V

Output Voltage : +150V, +15V(Monitor)

Signal Input : 0 ~ 10V

Max Peak Current setting : 8.5A

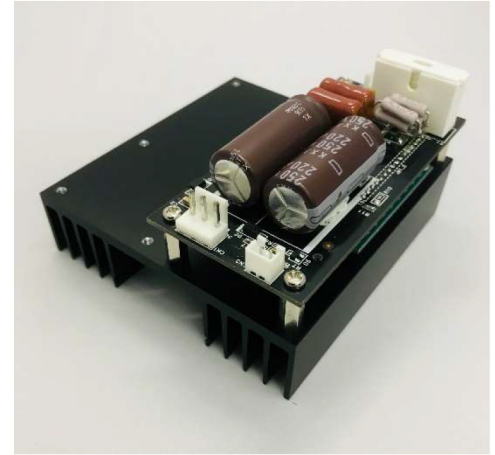
Connectors : JST connectors (VHR-3N, XHP-2, XHP-4)

Module Dimension : 100 x 48 x 36 mm (L x W x H)

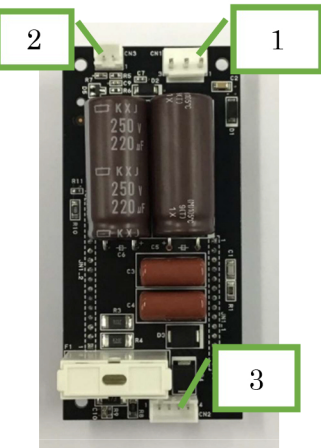
Heat sink Dimension : 100 x 98 x 25.1 mm (L x W x H)

Environment : 0 – 40 degree

Weight : 305g



Connections:

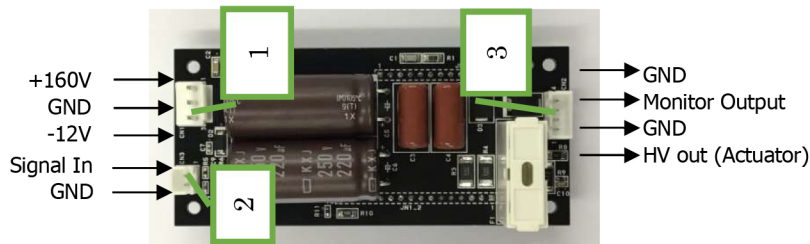


1. Power Supply (JST VHR-3N ①: +160V ②: GND ③: -12V)
2. Signal in (JST XHP-2 ①: Signal in ②: GND)
3. Output (JST XHP-4 ①: +HV out ②: GND ③: Monitor out ④: GND)

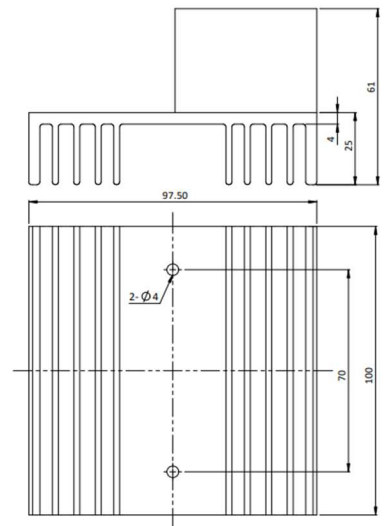
Cautions:

1. You may need a decoupling capacitor to the +160V and GND
And -12V and GND if the current supply is insufficient.
2. Do not short circuit the output because this will damage the MTAD38.

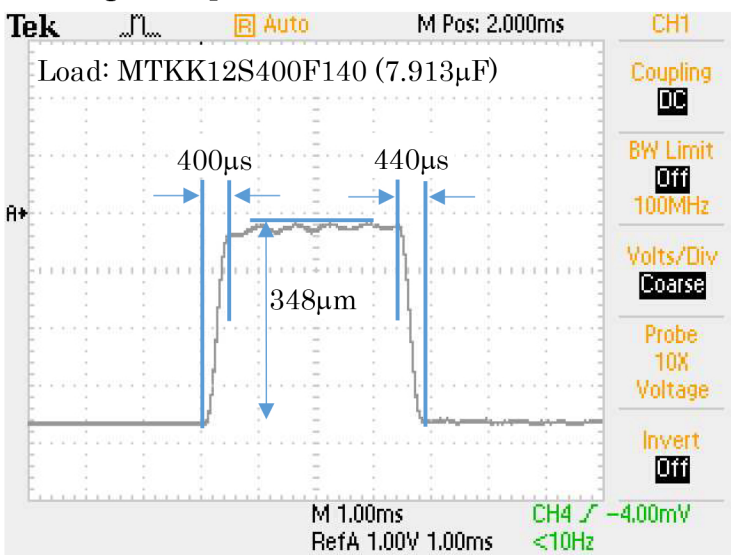
Connections example:



Dimensions of MTAD38



Driving example:



MTAD38 is excel at the following points:

1. Fast rise time of 0.4ms to achieve 348μm
2. Fast fall time of 0.44ms to return to zero point.
3. A very low ripples of displacement at target point
4. A very low ripples of displacement at zero point
5. Compact in size can be attached to equipment easily.