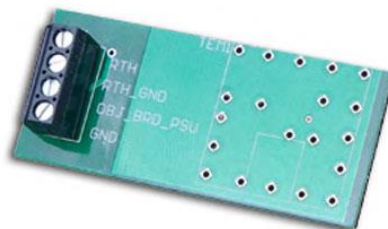




MOTOEM-OBJ

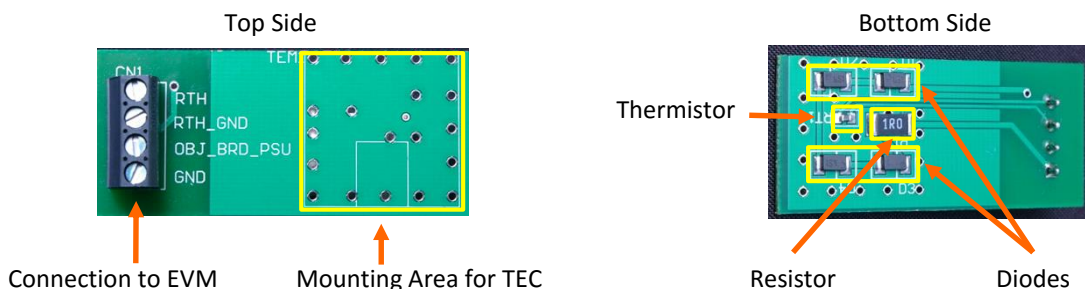
- Object Board for use with MOT705-OEM
- On-board heating elements
- On-Board Thermistor
- Used for evaluation of the MOT700x series and MOT3000-25 modules



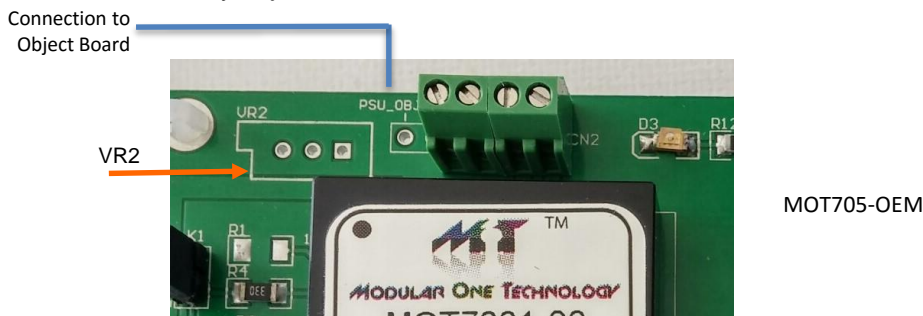
MOTOEM-OBJ Object Board

This board is provided as a convenient way to evaluate system characteristics when using a MOT700x TEC Controller module with an appropriate Thermoelectric Cooler (TEC).

The board includes an area for mounting the TEC, and immediately underneath a 10K thermistor for temperature sensing. To simplify evaluation of system performance under various temperature / power dissipation conditions a series of diodes and a resistor on the board acts as a heat source.

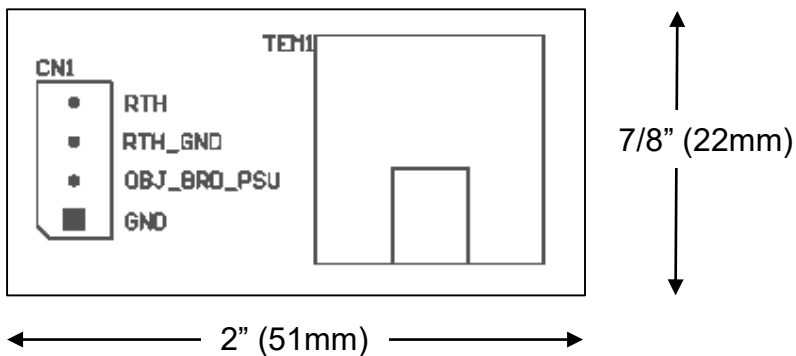


Designed to easily interface to the MOT705-EVM, the current through the diodes and resistor, and hence power dissipation, can be conveniently adjusted via VR2 on the MOT705_OEM board:





Dimensions



Ordering Information

| Part Number | Description |
|-------------|--------------|
| MOTOEM-OBJ | Object Board |

For further information please refer to the MOT705-OEM User's Guide.

Contact Information:

Modular One Technology
5902 Wessex Court
Parker TX 75002

Phone: 214-566-3708
Email: info@modularonetechnology.com
Web: www.modularonetechnology.com