



Email: tecteg@rogers.com
Website: www.TECTEG.com
Direct line 905-751-1362

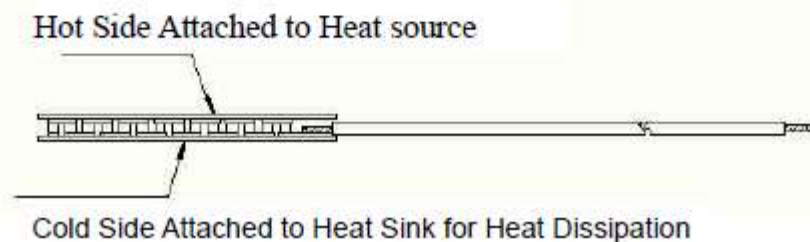
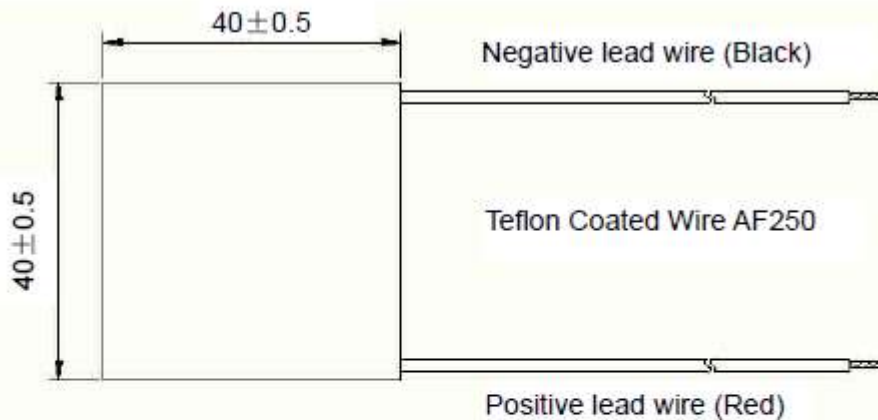
Specifications TEG Module TEG2-07025HT-SS



MAXIMUM HOT SIDE: 190C (374F)

Designed specifically for liquid to liquid application.

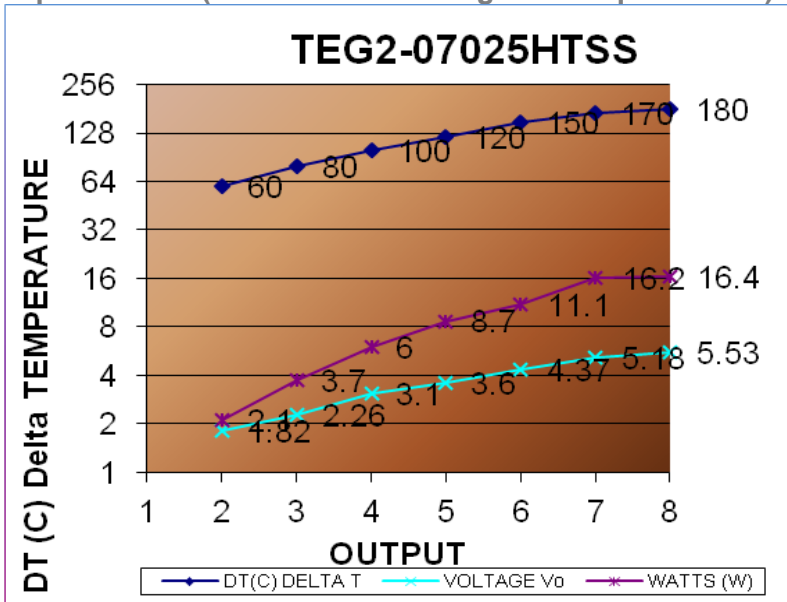
Geometric Characteristics Dimensions in millimeter





CONSTRUCTION SPECIFICATION:

1. SnSb 240°C based solder hot and cold side.
2. Ceramic slit for multi thermal cycling applications both hot side and cold side ceramic.
3. Lapped for multiple modules on the same surface.
4. Teflon insulated on the lead wires.
5. Lead wire contacts are attached to cold side for extra protection.
6. Offered in Graphite cover (eliminates thermal grease requirements) or standard Ceramic



| DT (°C) Delta Temp | Voltage Vo | Watts Match Load |
|--------------------|------------|------------------|
| 60 | 1.82 | 2.1 |
| 80 | 2.26 | 3.7 |
| 100 | 3.1 | 6 |
| 120 | 3.6 | 8.7 |
| 150 | 4.37 | 11.1 |
| 170 | 5.18 | 16.2 |
| 180 | 5.53 | 16.4 |

EXAMPLE: @100°C DT. Hot side 150°C- cold side 50°C

- The open circuit = 2.6V
- The matched load output voltage = 1.3V
- Internal resistance = 0.5 Ohm.
- Matched load current is matched load output voltage/Internal resistance.
- Heat flux ~140 watt

Outputs based on material in controlled Lab testing match load. Electrical resistance, system construction, and thermal resistance will influence outcome results.