

# OsTech - Peltier Element - Thermoelectric Cooler

## Type: Pel-PE-8.0A-16.1V-80W-230

- sealed Thermoelectric module for use with OsTech-peltiercontroller

- electrical parameter:

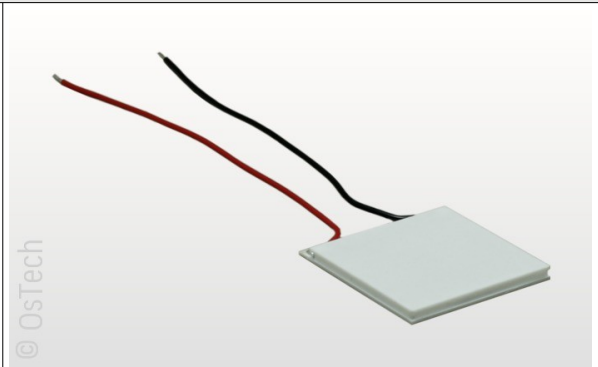
I<sub>max</sub>: 8.0A  
 U<sub>max</sub>: 16.1V  
 dT<sub>max</sub>: 71K  
 Q<sub>max</sub>: 80W  
 R(295K): 1.5Ω

- environmental parameter:

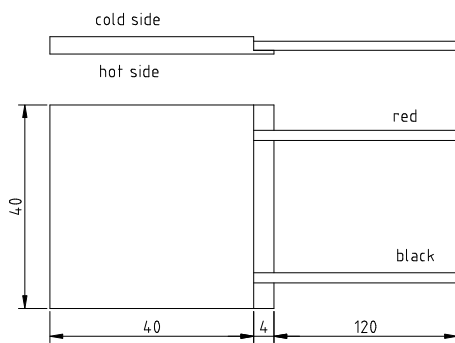
working temperature: -50°C - (+)200°C  
 max. processing temperature: 220°C

- recommended current/voltage range: below 60% of maximum values (4.5A / 9V)

- always use thermal interface material like thermal grease or foil



## Connection wires



Color	Function
red	Peltier element (+)
black	Peltier element (-)