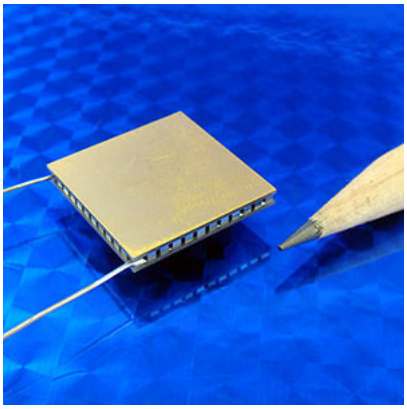
TEC Specification Sheet

CUSTOM THERMOELECTRIC
Your Thermoelectric Partner

Part #	I_{max} (Amps)	Q_{max} (Watts)	V_{max} (Volts)	DT_{max} (°C)	T_{max} (°C)
07101-9330-48RF3	4.4	22.9	8.70	70°C	200°C



Custom Options:

Call for custom wire types and other custom options.

Notes:

Typical power input is 40% to 80% of I_{max}

Maximum Waste Heat (exiting the hot side) at 100% input power, $I=I_{max}$, $V=V_{max}$ is;

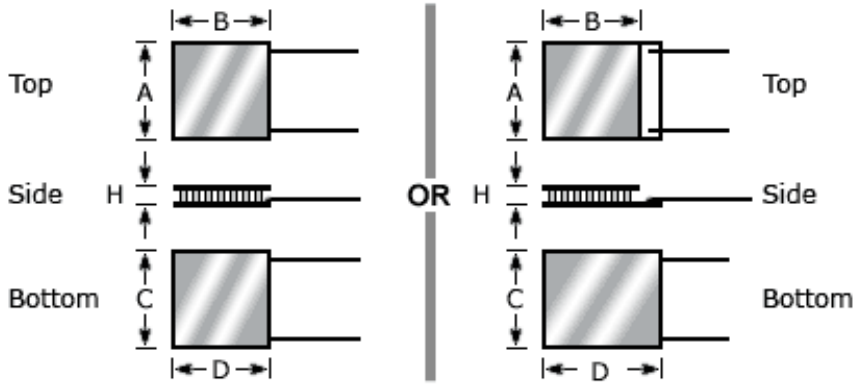
$(I_{max} * V_{max}) + Q_{max}$ = **61.18 watts**

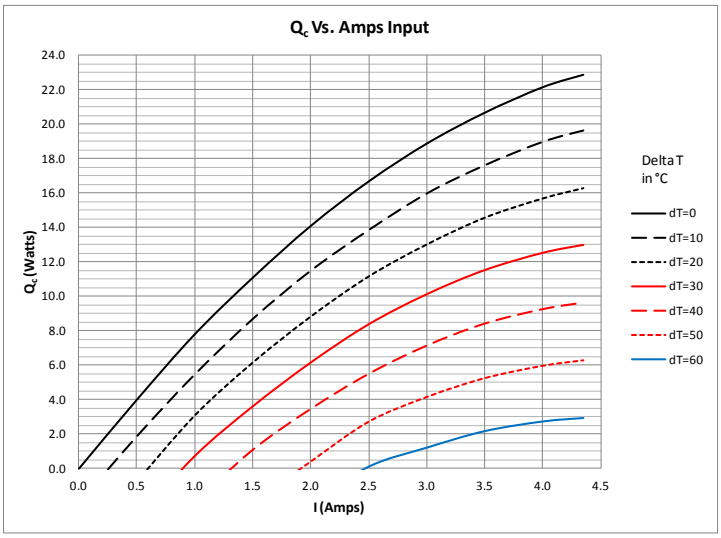
Use of a properly sized heat sink or water block is required to remove waste heat.

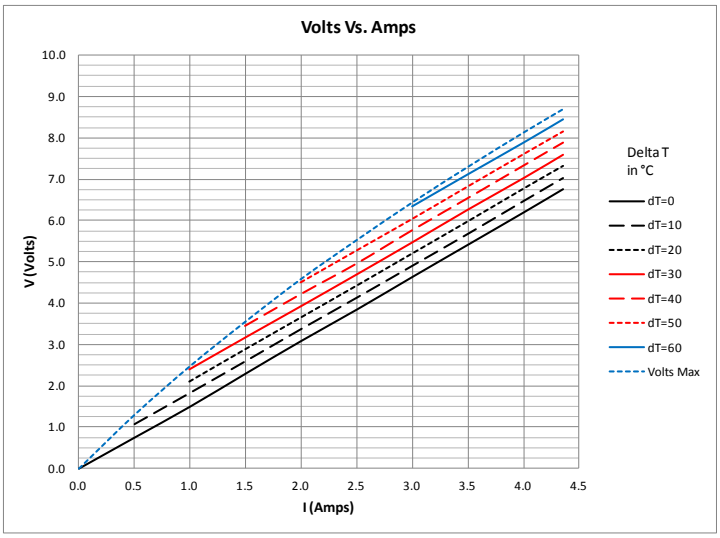
Bottom Plate				Top Plate				Metallized Height		Lapped Height	
A		B		C		D		H		H	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
18.00	0.709	18.00	0.709	18.00	0.709	18.00	0.709	2.05	0.081	NA	NA

Tolerances (typical)
A, B, C, D = ±0.25mm (±0.01")
H = ±0.15mm (±0.006")

Weight (w/o leads)
2.7 grams







 Custom Thermoelectric 11941 Industrial Park Road, STE 5, Bishopville, MD 21813
Tel. **443-926-9135** FAX: 443-926-9137 WEB: **www.customthermoelectric.com** E-mail: **temodule@customthermoelectric.com**
 REV. 4-27-2017