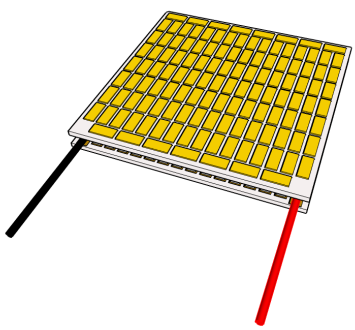
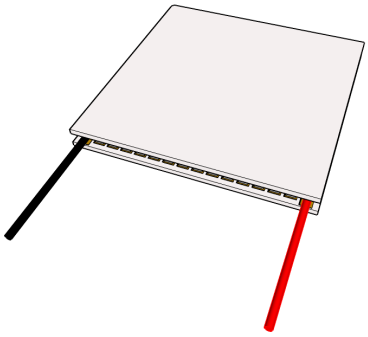
TEC Specification Sheet

CUSTOM THERMOELECTRIC
Your Thermoelectric Partner

Thermolyte Part #	I_{max} (Amps)	Q_{max} (Watts)	V_{max} (Volts)	DT_{max} (°C)	T_{max} (°C)
12701-9L31-06BW1	6.0	50.0	16.5	67°C	200°C



Metallized



Lapped

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;

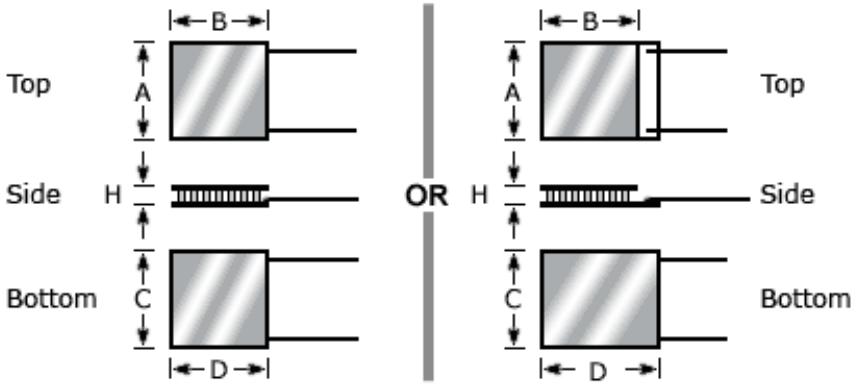
$(I_{max} * V_{max}) + Q_{max}$ = **149 watts**

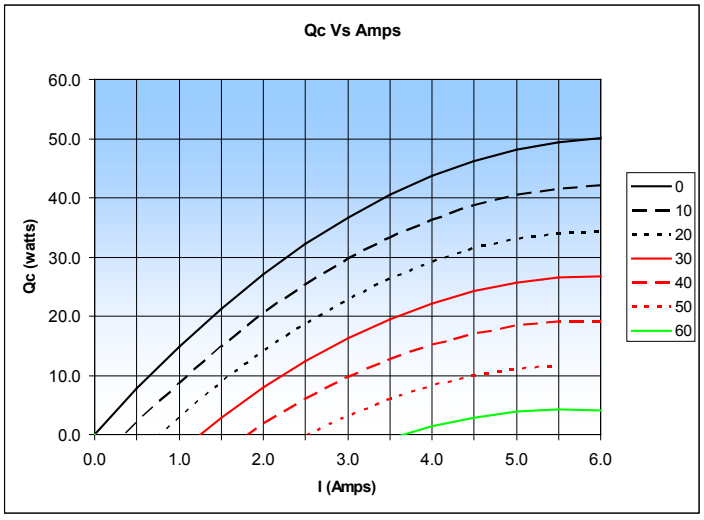
Use of a properly sized heat sink or water block is required to remove waste heat.

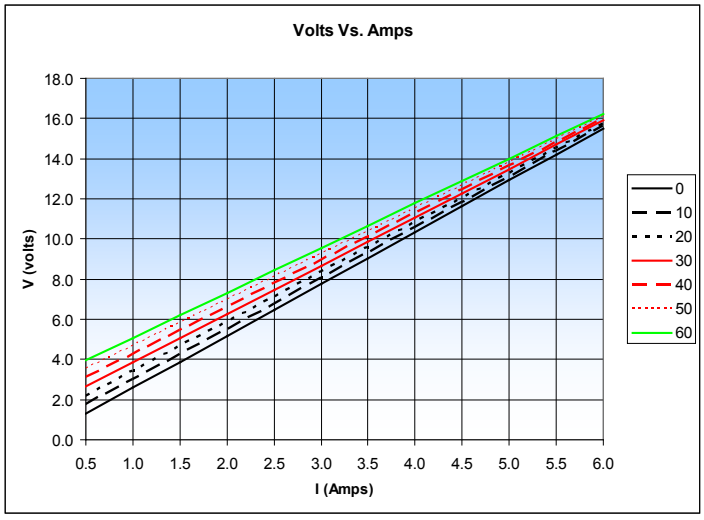
Bottom Plate				Top Plate				Metallized Height		Lapped Height	
A		B		C		D		H		H	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
50.80	2.00	50.80	2.00	50.80	2.00	50.80	2.00	5.28	.208	4.70	.185

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

Weight (w/o leads)
- grams







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 REV. 5-10-2017