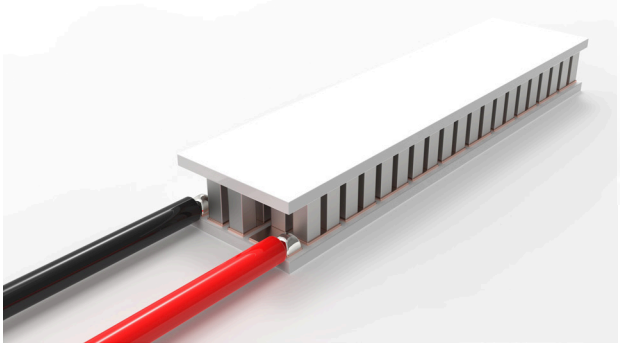
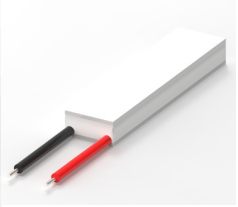
TEC Specification Sheet

CUSTOM THERMOELECTRIC
Your Thermoelectric Partner

Part #	I_{max} (Amps)	Q_{max} (Watts)	V_{max} (Volts)	DT_{max} (°C)	T_{max} (°C)
05111-9K31-02CU6J1	2.0	7.2	6.3	69°C	200°C





RTV Sealed

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;

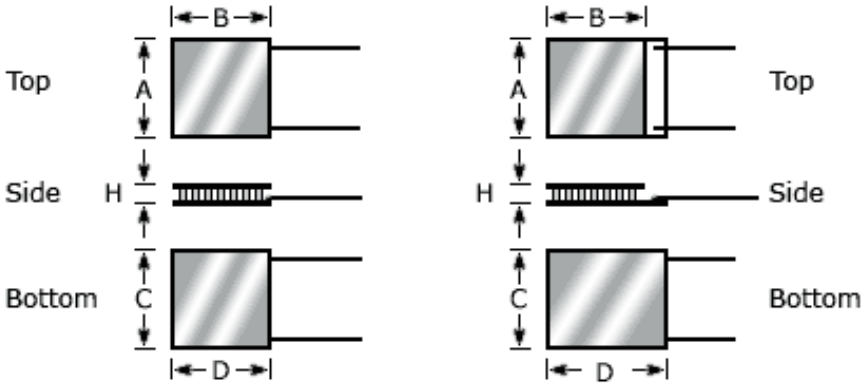
$(I_{max} * V_{max}) + Q_{max}$ = **19.8 watts**

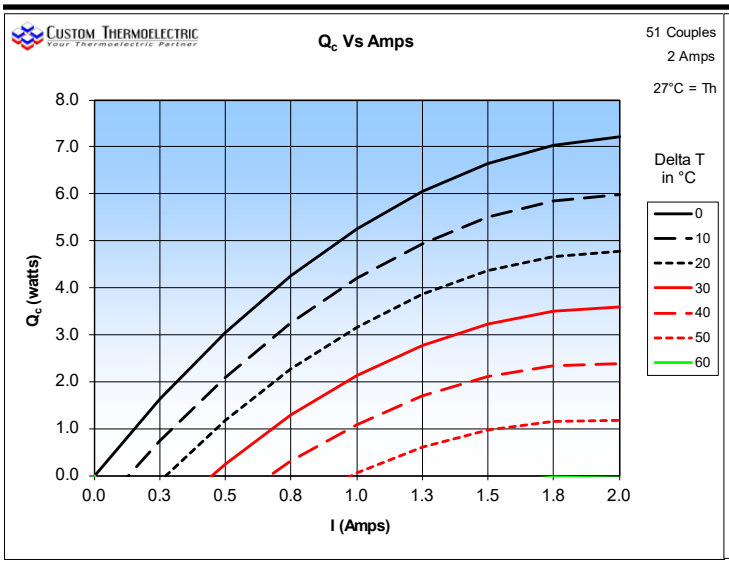
Use of a properly sized heat sink or water block is required to remove waste heat.

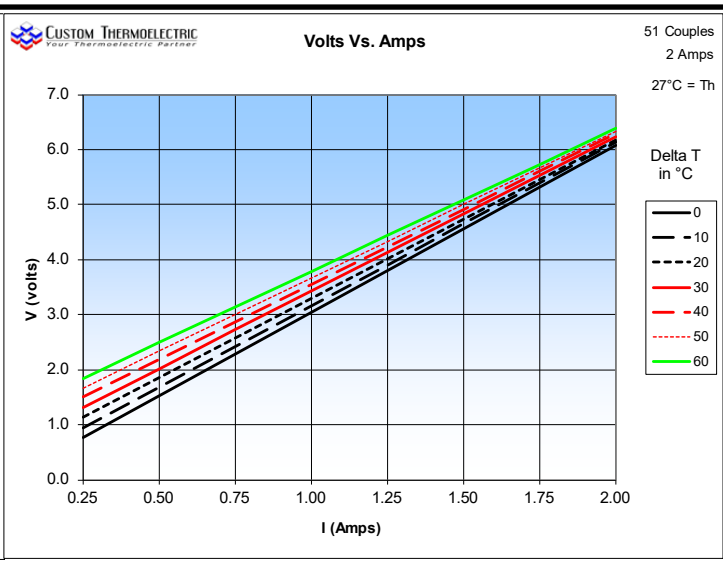
Top Plate				Bottom Plate				Metallized Height		Lapped Height	
A		B		C		D		H		H	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
5.9	.232	24.0	0.945	5.9	.232	24.0	0.945	NA	NA	3.0	.118

Weight (w/o leads)
1.1 grams

ACR (@27°C)
2.52 ohms ±10%







Tel. **443-926-9135** FAX: 443-926-9137 WEB: **www.customthermoelectric.com** E-mail: **temodule@customthermoelectric.com**
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