

Part #			I _{max}	I _{max} (Amps)		Q _{max} (Watts)		V _{max} (Volts)		(°C) T	max (°C)	
04811-5L31-06CK				6.0		22.5		5.8		;	125°C	
	Custom Options: Call for custom wire types and other custom options.											
Lapped Faces							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; $(I_{max} * V_{max}) + Q_{max} = 57.3$ watts Use of a properly sized heat sink or water block is required to remove waste heat.					
Bottom Plate					Тор	Plate		Metallized Height		Lapped Height		
ŀ	A		C)		+		Н	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in	
25.00	0.98	25.00	0.98	25.00	0.98	25.00	0.98	NA	NA	4.0	.157	
	v/o leads) ams	Top Side	<u>↑</u> <u>↓</u>	← B → I		* ↓ ↓	≪-B->-		A, E	erances (typi 3, C, D = ±0. ±0.15mm (±	25mm (±0.01")	
Bottom												
	Q _c Vs Amps			48 Couples 6 Amps 27°C = Th			Volts Vs. Amps 63 Couples 6 Amps 27°C = Th					
25.0 20.0 15.0 o 10.0 5.0 0.0 0.0	1.0	2.0 3.0 I(An		5.0 6	$\begin{array}{c} \text{Delta T} \\ \text{in °C} \\ \hline \\ $	7.0 6.0 5.0 (story) 3.0 2.0 1.0 0.5	1.0 1.5 2.0		3.5 4.0 4.5 nps)		Delta T in °C	

Copyright © 2012-2024. All rights reserved. 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** All technical information and data in this document is based on tests and measurements and is believed to be accurate and reliable. Product testing by the purchaser is recommended in order to confirm expected results for specific applications. Materials and specifications are subject to change without notice. REV. 2024-02-20