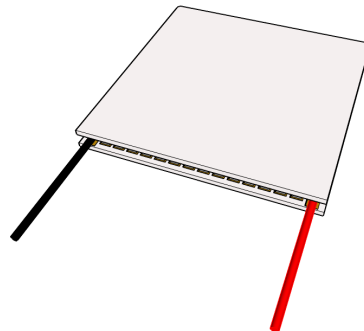


# TEC Specification Sheet

Part #	I <sub>max</sub> (Amps)	Q <sub>max</sub> (Watts)	V <sub>max</sub> (Volts)	DT <sub>max</sub> (°C)	T <sub>max</sub> (°C)
<b>12711-5L31-06CZ</b>	6.0	51.4	15.4	67°C	125°C



Lapped

## Custom Options:

Call for custom wire types and other custom options.

## Notes:

Typical power input is 40% to 80% of I<sub>max</sub>

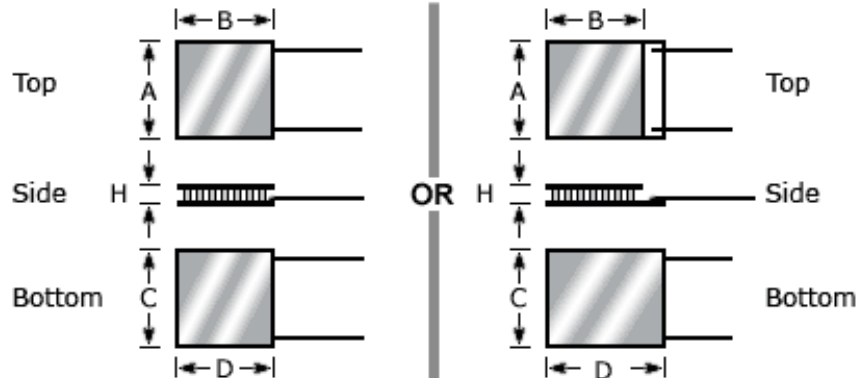
Maximum Waste Heat (exiting the hot side) at 100% input power, I=I<sub>max</sub>, V=V<sub>max</sub> is;

$$(I_{\max} * V_{\max}) + Q_{\max} = 143.8 \text{ watts}$$

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

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
62.0	2.44	62.0	2.44	62.0	2.44	62.0	2.44	NA	NA	4.9	.193

Weight (w/o leads)
56 grams



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

