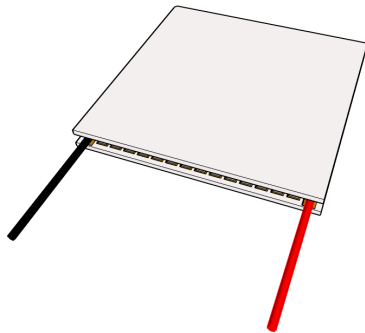


TEC Specification Sheet

Part #	I _{max} (Amps)	Q _{max} (Watts)	V _{max} (Volts)	DT _{max} (°C)	T _{max} (°C)
12711-9P31-24CW	24.0	226.1	15.2	62°C	200°C



Lapped

Custom Options:

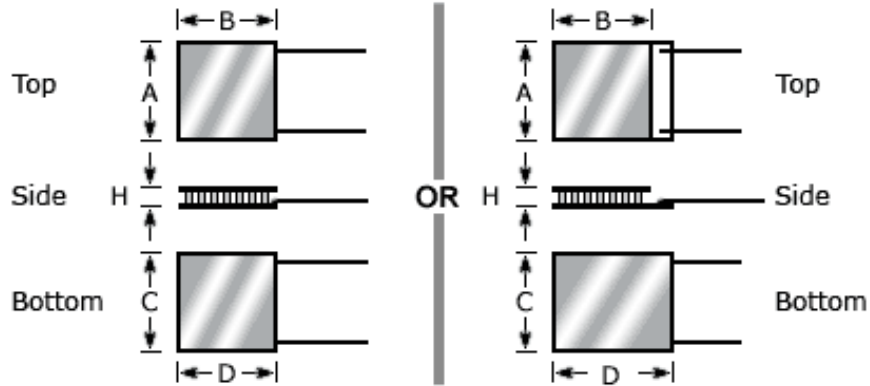
Call for custom wire types and other custom options.

Notes:

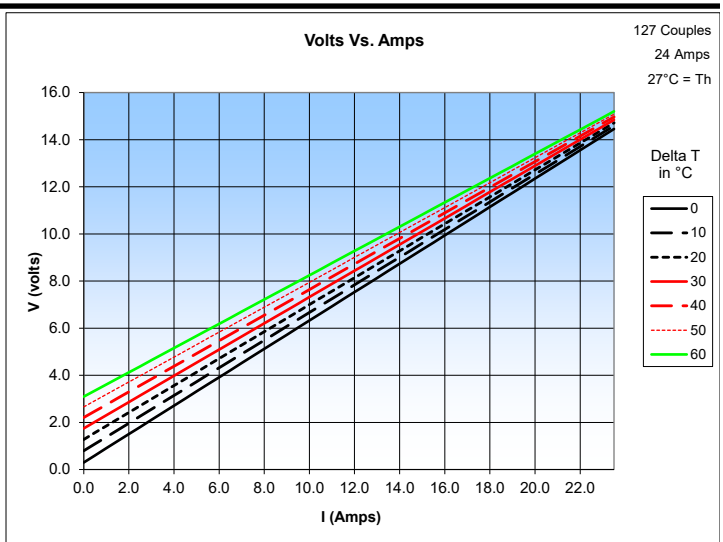
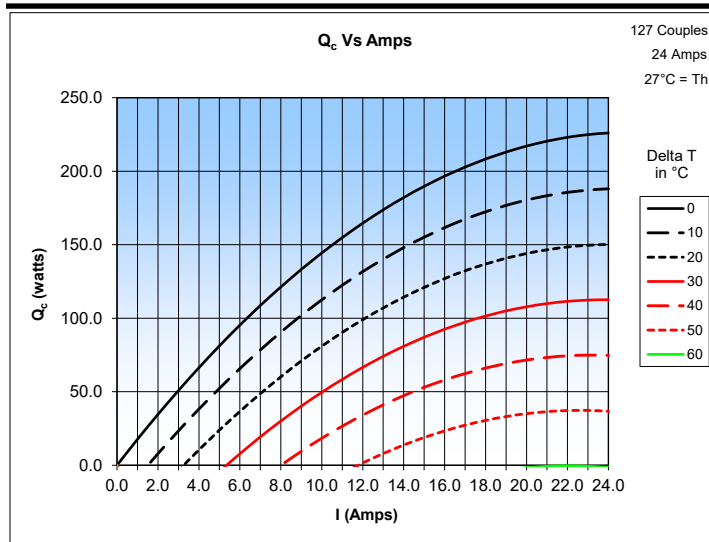
Typical power input is 40% to 80% of I_{max}
 Maximum Waste Heat (exiting the hot side) at 100% input power, I=I_{max}, V=V_{max} is;
 $(I_{max} * V_{max}) + Q_{max} = 590.9 \text{ watts}$
 Use of a properly sized heat sink or water block is required.

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
50.0	1.97	50.0	1.97	50.0	1.97	50.0	1.97	NA	NA	3.8	.150

Weight (w/o leads)
30 grams



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



Charts above are tested at a T_h=27°C. At higher T_h temperatures, TEC resistance increases. Since V=I*R, expect amperage to decrease for a given fixed voltage.