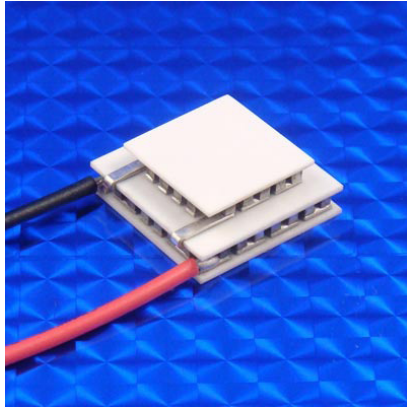


TEC Specification Sheet

Part #	I _{max} (Amps)	Q _{max} (Watts)	V _{max} (Volts)	DT _{max} (°C)	T _{max} (°C)
04812-5L31-04CFG	4.3	7.0	3.8	90°C	125°C



2 Stage TEC

Lapped ceramic faces

Custom Options:

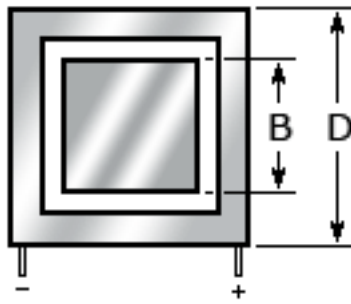
Call for custom wire types and other custom options.

Notes:

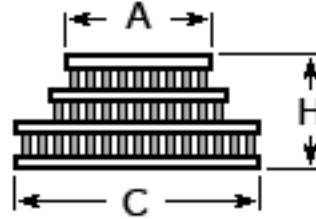
Typical power input is 40% to 80% of I_{max}
 Maximum Waste Heat (exiting the hot side) at 100% input power, I=I_{max}, V=V_{max} is;
 $(I_{max} * V_{max}) + Q_{max} = 23.34 \text{ watts}$
 Use of a properly sized heat sink or water block is required to remove waste heat.

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
20.00	.787	20.00	.787	15.00	.591	15.00	.591	NA	NA	6.9	.272

Weight (w/o leads)
7.5 grams
ACR (@27°C)
0.74 ohms ±10%



TOP VIEW



SIDE VIEW

Tolerances (typical)
 A, B, C, D = ±0.13mm (±0.005")
 H = ±0.25mm (±0.010")

