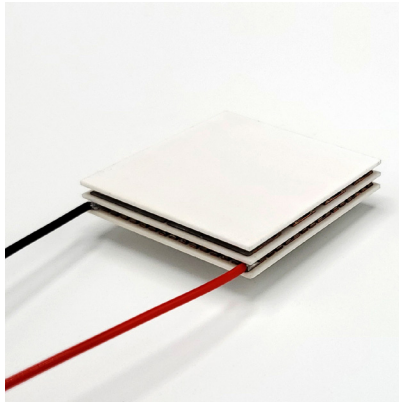


TEC Specification Sheet

Part #	I _{max} (Amps)	Q _{max} (Watts)	V _{max} (Volts)	DT _{max} (°C)	T _{max} (°C)
19012-5L31-06CQQ	6.0	35.9	15.0	90°C	125°C



2 Stage TEC

Lapped ceramic faces

Custom Options:

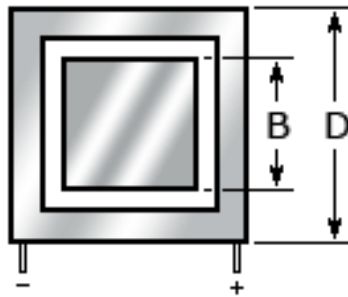
Call for custom wire types and other custom options.

Notes:

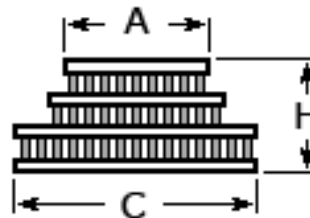
Typical power input is 40% to 80% of I_{max}
 Maximum Waste Heat (exiting the hot side) at 100% input power, I=I_{max}, V=V_{max} is;
 $(I_{max} * V_{max}) + Q_{max} = 125.9 \text{ watts}$
 Use of a properly sized heat sink or water block is required to remove waste heat.

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
40.0	1.57	40.0	1.57	40.0	1.57	40.0	1.57	NA	NA	6.35	.250

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



TOP VIEW



SIDE VIEW

Tolerances (typical)
 A, B, C, D = ±0.20mm (±0.008")
 H = ±0.2mm (±0.008")

