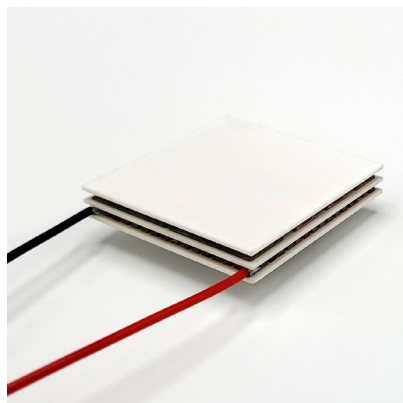


TEC Specification Sheet

Part #	I _{max} (Amps)	Q _{max} (Watts)	V _{max} (Volts)	DT _{max} (°C)	T _{max} (°C)
19012-5L31-06CQQ	6.0	35.5	15.0	88°C	125°C



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;

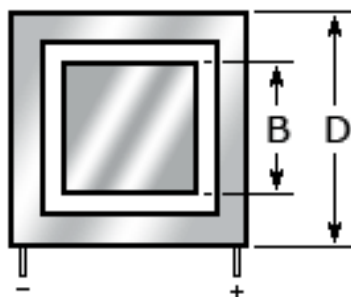
$$(I_{\max} * V_{\max}) + Q_{\max} = 125.5 \text{ watts}$$

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

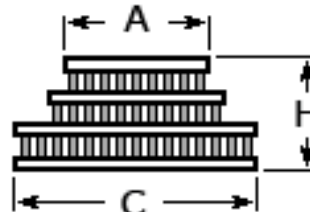
Top Plate				Bottom Plate				Metallized Height		Lapped Height	
A		B		C		D		H		H	
mm	in	mm	in	mm	in	mm	in	mm	in	mm	in
40.0	1.57	40.0	1.57	40.0	0.79	40.0	1.57	NA	NA	6.3	.248

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

Weight
34 grams

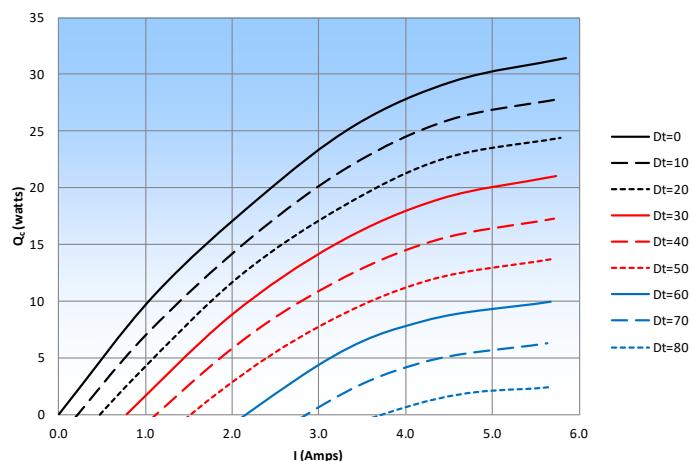


TOP VIEW



SIDE VIEW

Q_c Vs. Amps



Volts vs. Amps

