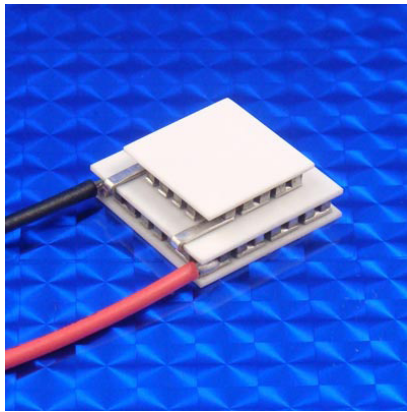


TEC Specification Sheet

| Part # | I _{max} (Amps) | Q _{max} (Watts) | V _{max} (Volts) | DT _{max} (°C) | T _{max} (°C) |
|-------------------------|-------------------------|--------------------------|--------------------------|------------------------|-----------------------|
| 10212-5L31-04CGL | 4.6 | 13.6 | 8.2 | 92°C | 125°C |



2 Stage TEC

Custom Options:

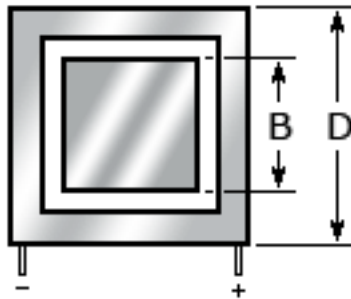
Call for custom wire types and other custom options.

Notes:

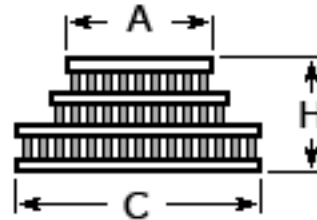
Typical power input is 40% to 90% of I_{max}
 Maximum Waste Heat (exiting the hot side) at 100% input power, I=I_{max}, V=V_{max} is;
 $(I_{max} * V_{max}) + Q_{max} = 51.32 \text{ watts}$
 Use of a properly sized heat sink or water block is required to remove waste heat.

| 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 |
| 20.00 | .787 | 20.00 | .787 | 30.00 | 1.181 | 30.00 | 1.181 | NA | NA | 6.9 | .272 |

Weight (w/o leads)
16 grams



TOP VIEW



SIDE VIEW

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

