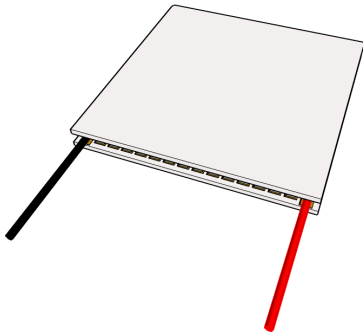


TEC Specification Sheet

| Part # | I _{max} (Amps) | Q _{max} (Watts) | V _{max} (Volts) | DT _{max} (°C) | T _{max} (°C) |
|------------------------|-------------------------|--------------------------|--------------------------|------------------------|-----------------------|
| 12711-5P31-24CZ | 24.0 | 226.0 | 15.2 | 60°C | 125°C |



Custom Options:

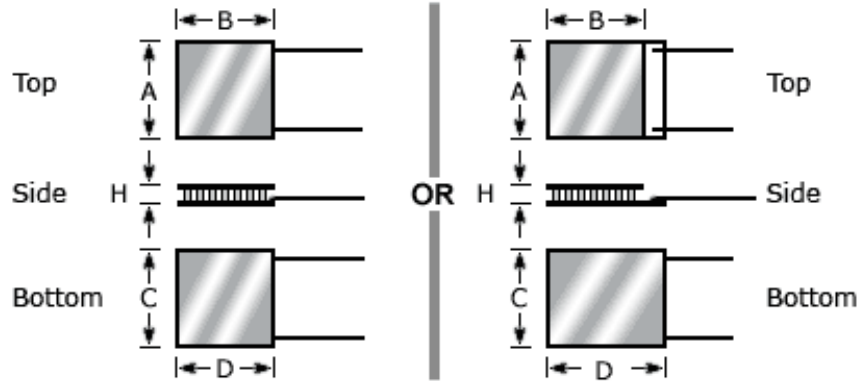
Call for custom wire types and other custom options.

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;
 $(I_{max} * V_{max}) + Q_{max} = 590.8 \text{ watts}$
 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 |
| 62.00 | 2.44 | 62.00 | 2.44 | 62.00 | 2.44 | 62.00 | 2.44 | NA | NA | 5.1 | .20 |

Weight (w/o leads)
48 grams



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

