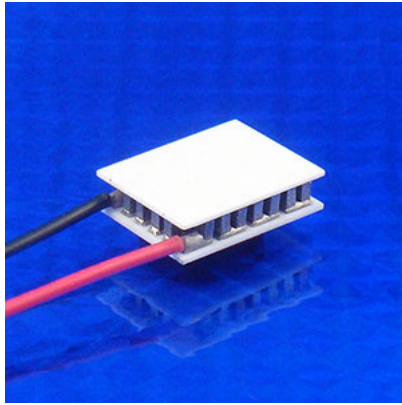


TEC Specification Sheet

| Part # | I _{max} (Amps) | Q _{max} (Watts) | V _{max} (Volts) | DT _{max} (°C) | T _{max} (°C) |
|-------------------------|-------------------------|--------------------------|--------------------------|------------------------|-----------------------|
| 02311-5L31-03CFG | 3.0 | 5.1 | 2.8 | 67°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;
 $(I_{max} * V_{max}) + Q_{max} = 13.5 \text{ watts}$
 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 |
| 15.0 | 0.59 | 20.0 | 0.79 | 15.0 | 0.59 | 20.0 | 0.79 | NA | NA | 5.25 | .206 |

