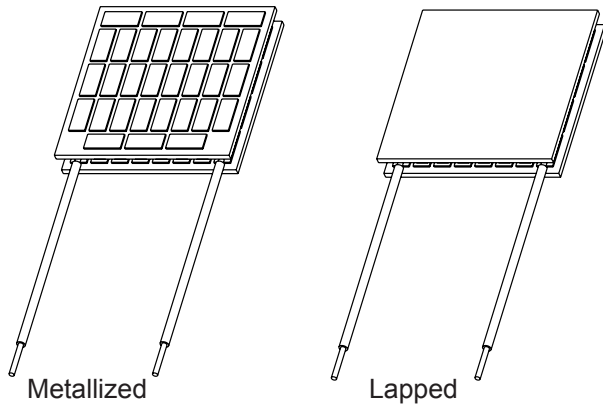


# TEC Specification Sheet

| Part #                  | I <sub>max</sub> (Amps) | Q <sub>max</sub> (Watts) | V <sub>max</sub> (Volts) | DT <sub>max</sub> (°C) | T <sub>max</sub> (°C) |
|-------------------------|-------------------------|--------------------------|--------------------------|------------------------|-----------------------|
| <b>03101-9L31-04BL2</b> | 4.0                     | 8.14                     | 4.0                      | 67°C                   | 200°C                 |



### Custom Options:

Call for custom wire types and other custom options.

### Notes:

Typical power input is 40% to 80% of I<sub>max</sub>  
 Maximum Waste Heat (exiting the hot side) at 100% input power, I=I<sub>max</sub>, V=V<sub>max</sub> is;  
 $(I_{max} * V_{max}) + Q_{max} = 24.14 \text{ watts}$   
 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    |
| 31.75        | 1.25 | 31.75 | 1.25 | 31.75     | 1.25 | 31.75 | 1.25 | 5.28              | 0.208 | 4.70          | 0.185 |

