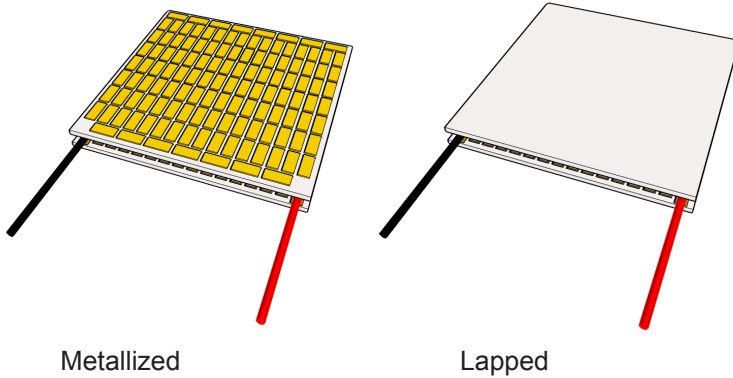


# TEC Specification Sheet

| 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>12701-9L31-09BQ3</b> | 9.0                     | 75.1                     | 16.5                     | 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;  
 $(I_{max} * V_{max}) + Q_{max} = 223.6 \text{ watts}$   
 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   |
| 42.67        | 1.68 | 42.67 | 1.68 | 42.67     | 1.68 | 42.67 | 1.68 | 4.19              | .165 | 3.68          | .145 |

