

| Part # | I _{max} (Amps) | Q _{max} (Watts) | V _{max} (Volts) | DT _{max} (°C) | T _{max} (°C) |
|-----------------|-------------------------|--------------------------|--------------------------|------------------------|-----------------------|
| 04811-5L31-09CK | 9.0 | 29.11 | 5.8 | 67°C | 125°C |



Lapped Faces

Custom Options:

Call for custom wire types and other custom options.

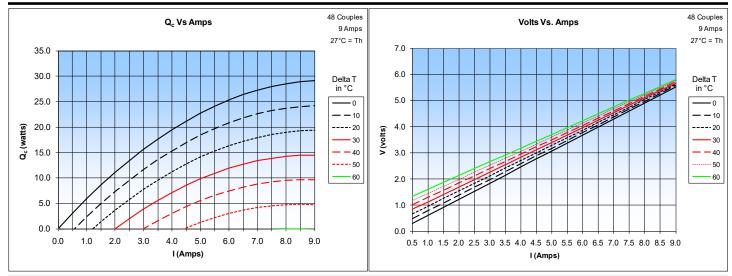
Notes:

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;

$$(I_{max} * V_{max}) + Q_{max} = 81.31$$
 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 | | | |
|-----------------------------|------|-------|-----------|--------------------|-------|--|------|---------------|----|-------------|------|
| А | | В | | С | | D | | Н | | Н | |
| mm | in | mm | in | mm | in | mm | in | mm | in | mm | in |
| 25.00 | 0.98 | 25.00 | 0.98 | 25.00 | 0.98 | 25.00 | 0.98 | NA | NA | 3.4 | .134 |
| Weight (w/o leads) 8 grams | | Тор | Top | | | Tolerances (typical) A, B, C, D = ±0.25mm H = ±0.15mm (±0.006) | | | | mm (±0.01") | |
| Side H | | н 🕌 🏻 | | | н 🗼 🎹 | | Side | | | | |
| Bottom | | | ± L | - D- > l | _ | Bottom | | | | | |



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All technical information and data in this document is based on tests and measurements and is believed to be accurate and reliable. Product testing by the purchaser is recommended in order to confirm expected results for specific applications. Materials and specifications are subject to change without notice. REV. 2024-02-20