

| Part # | | | I _{max} | I _{max} (Amps) | | Q _{max} (Watts) | | V _{max} (Volts) | | (°C) T | _{max} (°C) | |
|--------------------|---|-------------------|------------------|-------------------------|--|--|---|--------------------------|---------|-----------------------|---|--|
| 1271 | 1-5P31 | -15CQ | ŕ | 15.0 | | 141.3 | | 15.2 | | ; | 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; $(I_{max} * V_{max}) + Q_{max} =$ 369.3 watts Use of a properly sized heat sink or water block is required to remove waste heat. | | | | | |
| Top Plate | | | | | | n Plate | | Metallized Height | | Lapped Height | | |
| / | A | | В | | С | | D | | Н | | Н | |
| mm | in | mm | in | mm | in | mm | in | mm | in | mm | in | |
| 40.00 | 1.57 | 40.00 | 1.57 | 40.00 | 1.57 | 40.00 | 1.57 | NA | NA | 2.9 erances (typic | .114 | |
| Weight (20.0 g | $\mathbf{R} \ H \ \mathbf{H} \ $ | | | | | | | | | | | |
| Bottom C D | | | | | | | C ↓ Bottom ← D → 127 Couples | | | | | |
| 160.0 | | Q _c Vs | | | 15 Amps 27°C = Th Delta T in °C | 16.0 14.0 12.0 10.0 (stipo)) 6.0 4.0 2.0 0.5 1. | 5 2.5 3.5 4.5 | | s. Amps | 1.5 12.5 13.5 1 | 15 Amps 27°C = Th Delta T in °C 0 10 20 30 40 50 60 | |

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