| TEC SI | pecifica | tion She | et | | | | | | USTOM T | - HERN | 10EL | ECTRIC | |
|--|--|----------|------------------|--|---------------------------------------|------------------------------|--|--|-------------|--|-----------------------|--------|--|
| Part # | | | I _{max} | I _{max} (Amps) | | Q _{max} (Watts) | | V _{max} (Volts) | | (°C) | T _{max} (°C) | | |
| 28414-5R30-47CGE | | | | 4.7 | | 6.5 | | 14.6 | | 125°C | | 125°C | |
| | | | cer | 4 Stage T 11 cpl Tc 22 cpl 124 cp 127 cpl Bo Lapped ceramic faces | | | Call for options. Notes: Typical Maximu 100% i (I _{max} * V Use of | 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; $(I_{max} * V_{max}) + Q_{max} = 75.12$ watts Use of a properly sized heat sink or water block is required to remove waste heat. | | | | | |
| | Тор | Plate | | | Botton | Bottom Plate | | Metallize | d Height La | | pped Height | | |
| А | | В | | С | | D | | Н | | Н | | | |
| mm | in | mm | in | mm | in | mm | in | mm | in | mn | n | in | |
| 8.50 | .335 | 13.00 | .512 | 19.50 | .768 | 20.80 | .819 | NA | NA | 7.8 | 3 | .307 | |
| Weight (w/o leads) 8 grams $ACR (@27^{\circ}C)$ 3.0 ohms ±10% $ACR (@27^{\circ}C)$ TOP VIEW $ACR (@27^{\circ}C)$ SIDE VIEW | | | | | | | | | 10.51111 | (10.01 | 2) | | |
| Qc (watts) | $\begin{array}{c} 7 \\ 6 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$ | | s Amps | | 2/11 Couples 4.7 Amps 27°C = Th | 16 12 8 4 0 0 | | Volts Vs. | Delta T | 127/124/22 Imax = 4 I = 4 A I = 3 A I = 2 A I = 1 A | 4.7 Am 27°C = 1 | ps | |

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4.5

3.5

4.0

0.0 0.5 1.0 1.5 2.0 2.5 3.0

I (amps)

0

20

40

60

80

Delta T (°C)

100

120

140