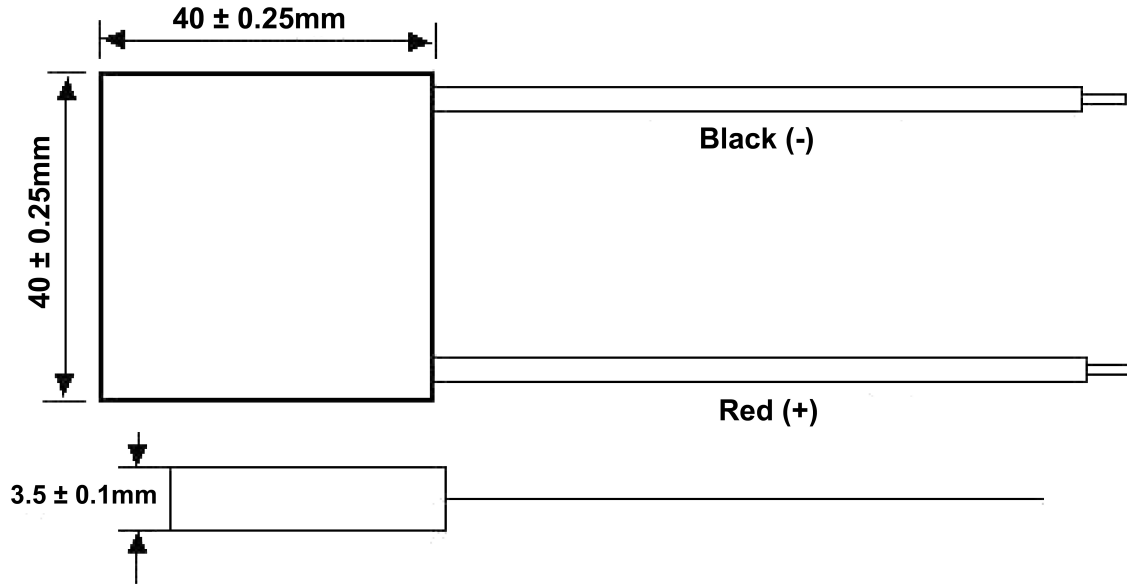




**EN:** This Datasheet/Document is presented by the manufacturer.

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# TEC1-12715 Datasheet

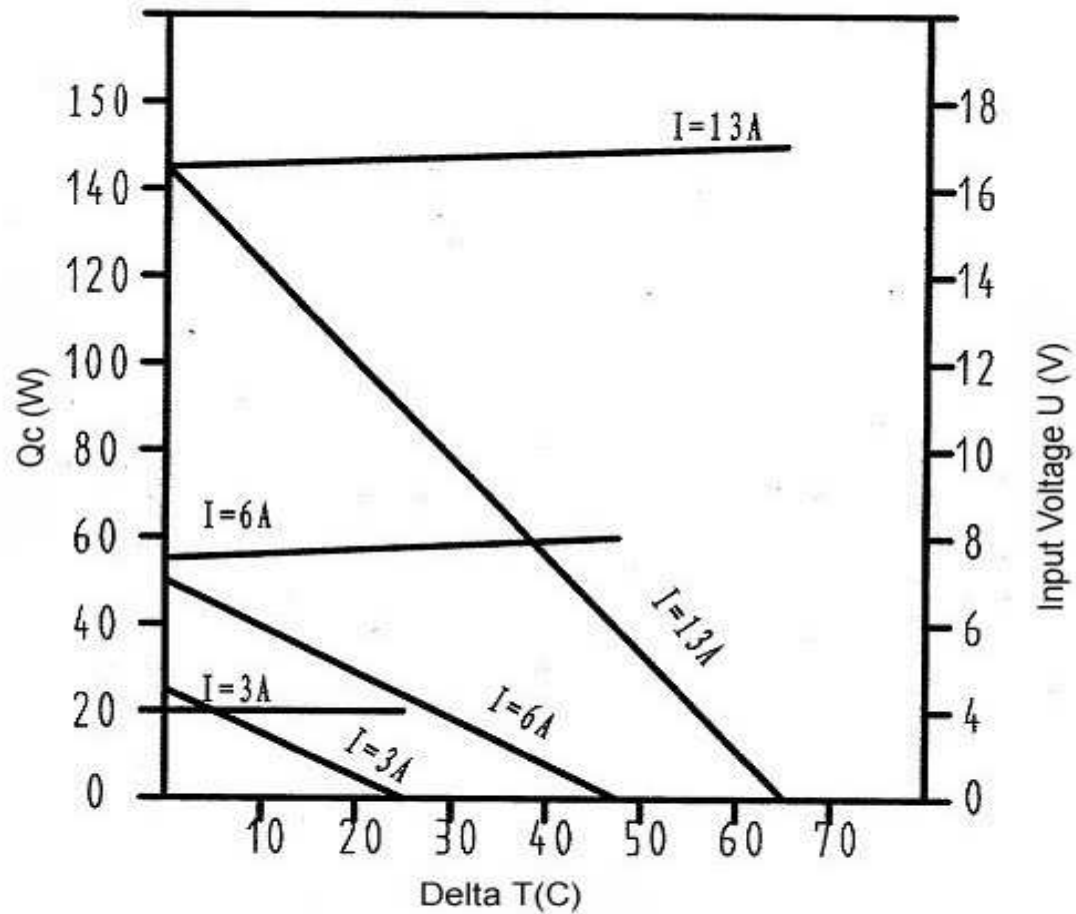


| No. | Items               | Symbol                  | Parameter              | Condition                    |
|-----|---------------------|-------------------------|------------------------|------------------------------|
| 1   | Max. Operating Tem. | T                       | $<90^{\circ}\text{C}$  |                              |
| 2   | Max. Cooling Power  | Qmax                    | 150W                   | Vacuum testing Tem<br>Th=30℃ |
| 3   | Tem. Difference Max | $\Delta T_{\text{max}}$ | 70℃                    | Vacuum testing Tem<br>Th=30℃ |
| 4   | Input Voltage Max   | Vmax                    | 15.4V                  | Vacuum testing Tem<br>Th=30℃ |
| 5   | Max. Current        | I <sub>max</sub>        | 15A                    | Vacuum testing Tem<br>Th=30℃ |
| 6   | Resistance          | R                       | $0.75 \pm 0.05$        | Ambient Tem<br>Th=25℃        |
| 7   | Parallel            |                         | $\leq 0.05 \text{ mm}$ |                              |
| 8   | Lines               |                         | 20AWG                  |                              |

When the ambient temperature raise or fall 1℃, the module resistance will raise or fall 0.015 accordingly.

## TEC1-12715 Datasheet

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40X40 12715 Input Output Characteristic