

CN0078

Resistor Network

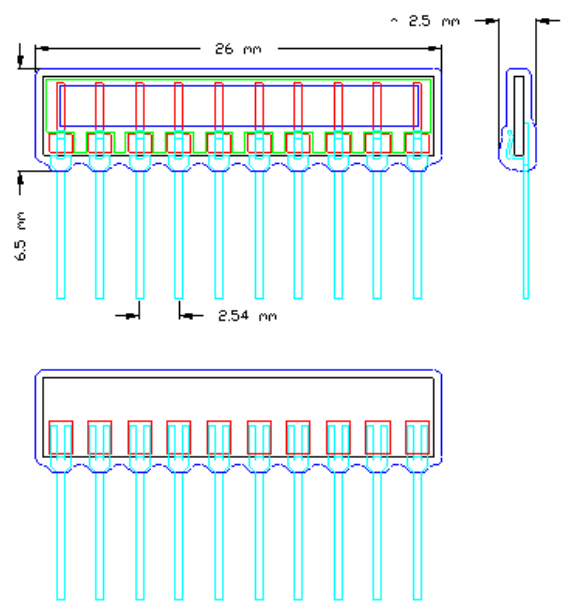
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TSEC manufacture a range of low profile single in line resistor networks for high power applications. Several product variants are available in bussed and un-bussed configurations ,each developed to match a specific customer application.

Summary
 High reliability thick film technology.
 Power handling capability (up to 2W/resistor)*₂
 Low profile single in line package.
 Bussed and un-bussed variants.
 Conformal epoxy coat.

Typical Layout



Electrical Specification

| | Min | Nom | Max |
|-----------------------------------|--------------------------------|------------|------|
| Typical resistor values (Ohms) | 10R | | 100M |
| Nominal resistor value (Ohms) | Customer specification ± 1% | | |
| Maximum power dissipation (Watts) | 2W per resistor * ₂ | | |
| Maximum voltage (Volts) | 500V * | | |
| maximum operating temperature | 125C * ₁ | | |
| TCR | | <150ppm/°C | |

* Dependent on resistor value.
 *₁ Resistor network derate linearly from maximum power dissipation at 70C to zero at 125C.
 *₂ Resistors will run hot when fully loaded hence care is required when operating the device in a high ambient temperature.