



Resistor Networks

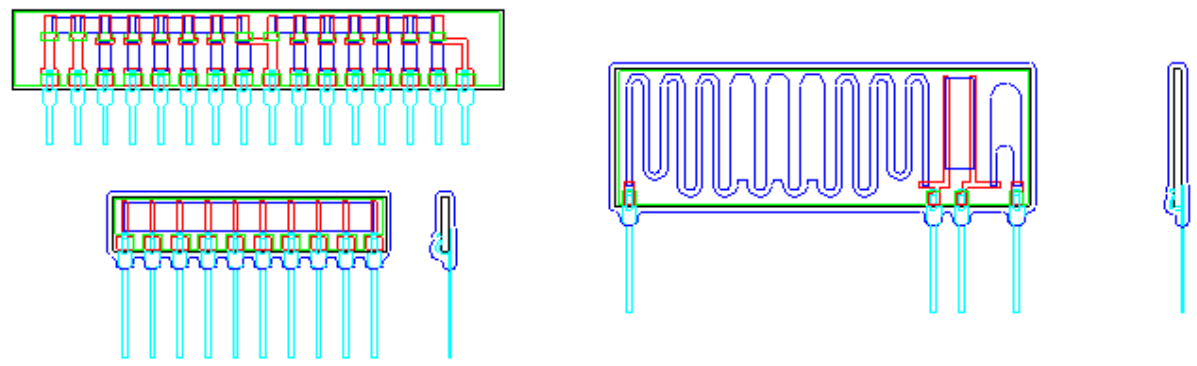
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TSEC provide a wide range of space saving resistor networks devices with, or without, resistor matching as required. Typical applications include sensors, circuit protection and instrumentation. All products are designed to match specific customer requirements.

Summary
High reliability thick film technology.
Space saving design.
Various configurations available.
Resistor matching available

Typical Layouts



Protection : Screen Printed Blue Polymer, Organic Encapsulant, Overglaze or Conformal epoxy coating
Termination : Customer specification

Electrical Specification

- Nominal Resistance : Customer Specification
- Resistor Range : 1R .. 10 M ± 20 % .. ± 1 %
- Maximum Voltage : Customer Specification
- Maximum Power Dissipation : Customer Specification
- TCR : ± 50 ppm / °C, ± 100 ppm / °C, ± 300 ppm / °C
- Derating : Linearly from rated dissipation at 70 °C to zero at 125 °C.
- Load stability Dr : < 1 % 1000 hrs @ Rated Power Dissipation
- Operational Temperature Range : - 25 °C .. + 125 °

Custom Design

To manufacture a custom specific design the following information is required :
Nominal resistance value, tolerance, TCR, operational voltage, maximum peak voltage
Dimensional constraints, termination type, length of pins, marking information