

SMD123

Surface mount Resistor

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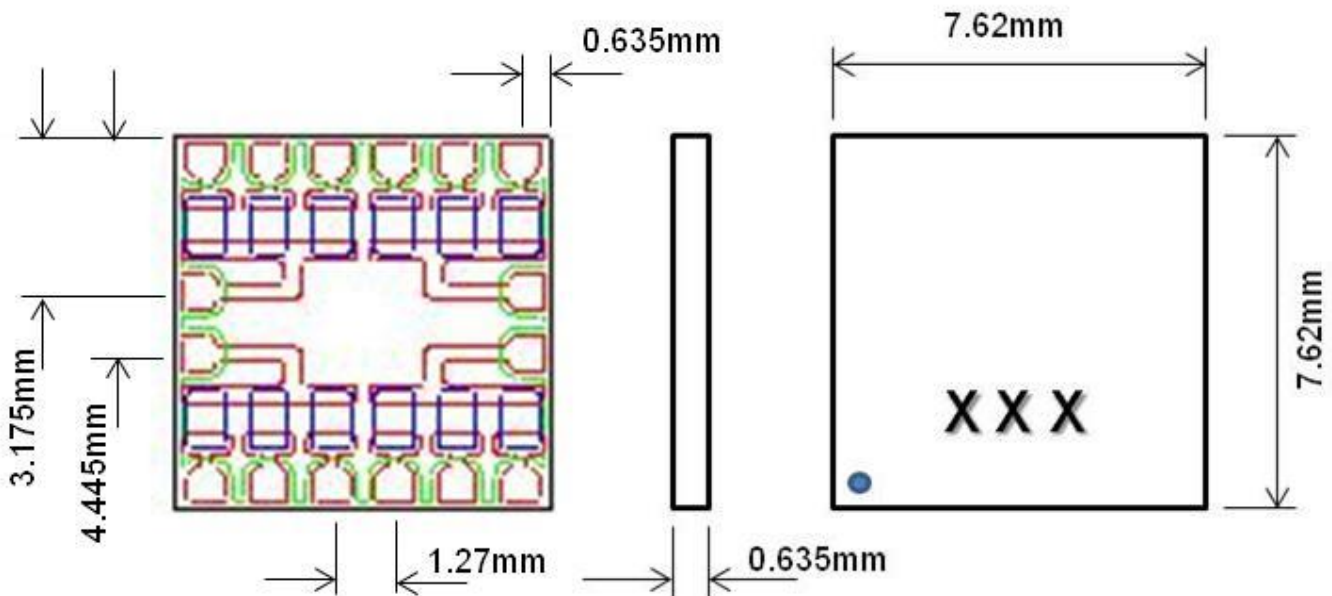
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TSEC manufacture a range of SMD resistor networks which cover a wide range of resistances and a selection of TCRs. Any nominal resistance in each range may be manufactured to low absolute and ratio tolerances.
 The SMD resistor networks are designed to be Flip Chip assembled but they may also be Aluminium wire bonded.

Summary

High reliability thick film technology.
 4x banks of 3x resistors
 Common termination.
 Max power dissipation (each resistor) 250mW

Mechanical Drawing



Electrical Specification

Resistor range	1R100M ±1% Absolute ±0.1% Ratio Match
Maximum power dissipation	250mW each resistor
TCR	±100ppm/°C, ±50ppm/°C, ±25ppm/°C
Maximum voltage	100 VAC / 100 VDC
Operating temperature range	-25°C +125°C
Derating	Linearly from rated dissipation at 125°C to zero at 125°C
Load stability	<1% 1000hrs @ rated power dissipation
Termination	Ball Grid Array conductor pads
Protection	Overglaze only