

# SMD282

## Surface Mount Resistor

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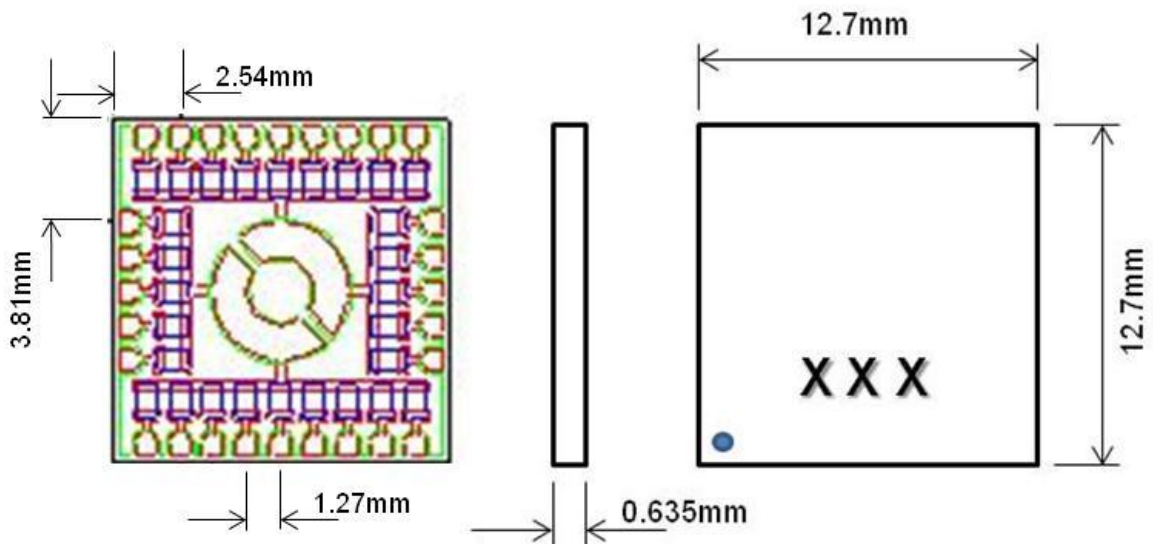
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TSEC manufacture a range of SMD resistor networks which cover a wide range of resistances and a selection of TCR's. Any nominal resistance in each range may be manufactured to low absolute and ratio tolerances .  
 The SMD resistor networks are designed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

### Summary

- High reliability thick film technology.
- 2 banks of 14x Resistors
- Common termination each bank
- Maximum power dissipation 250mW / resistor

### Typical Layout



### Electrical Specification

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

TSEC reserves the right to change specifications on these products without the explicit need to notify customers.