

Silicon Resistor Chips

Feature

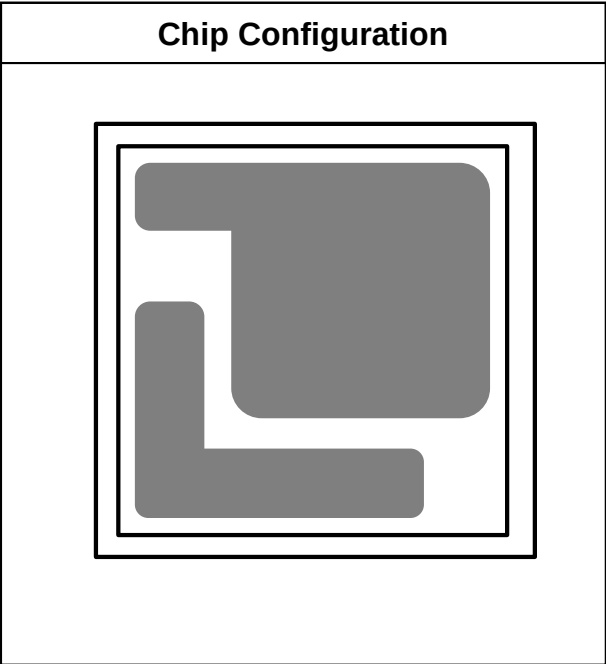
- This specification applies to silicon resistor chips

Structure

- Substrate : Silicon
- Top electrode : Aluminum (Negative bias)
- Bottom electrode : Gold (Positive bias)

Size

- Chip size : 170(±20) μm x 170(±20) μm
- Thickness : 150(±20) μm
- Pad size : 85(±10) μm x 85(±10) μm



Electrical Characteristics (Ta = 25°C)

Product Name	Resistance	Conditions	Min.	Typ.	Max.	Unit
SR85-1717-T3	85	I = 40 mA	77	85	93	Ohm
SR100-1717-T3	100	I = 30 mA	90	100	110	Ohm
SR120-1717-T3	120	I = 25 mA	108	120	132	Ohm
SR150-1717-T3	150	I = 25 mA	135	150	165	Ohm
SR200-1717-T3	200	I = 15 mA	180	200	220	Ohm
SR300-1717-T3	300	I = 10 mA	270	300	330	Ohm
SR330-1717-T3	330	I = 10 mA	297	330	363	Ohm
SR450-1717-T3	450	I = 8 mA	405	450	495	Ohm
SR560-1717-T3	560	I = 6 mA	504	560	616	Ohm
SR800-1717-T3	800	I = 4 mA	720	800	880	Ohm
SR1000-1717-T3	1000	I = 3 mA	900	1000	1100	Ohm
SR1200-1717-T3	1200	I = 3 mA	1080	1200	1320	Ohm

Circuit configuration

