

1. Scope :

This specification applies to silicon resistor chips,
Device No. CR-0007.

2. Structure :

- 2-1. Silicon substrate .
- 2-2. Electrodes :
 Top side : (Negative) Aluminum alloy .
 Back side : (Positive) Gold alloy.

3. Size :

- 3-1. Chip size (Including scribe line) : 8.0 mils × 6.0 mils (0.203mm × 0.152 mm).
- 3-2. Chip thickness : 8.6 ± 1 mils (0.220mm ± 0.025 mm).
- 3-3. Bonding pad : 92.0um × 78.0um ± 10um.
- 3-4. Pattern drawing : Refer to the attached drawing.

4. Electrical characteristics (Ta = 25 °C)

RESISTOR(Ω)	APPLY CURRENT(mA)	RESISTOR(Ω)			UNIT
		MIN	TYP	MAX	ohm
90	20 mA	81	90	99	ohm
150	20 mA	135	150	165	ohm
200	20 mA	180	200	220	ohm
300	20 mA	270	300	330	ohm
700	10 mA	630	700	770	ohm
800	10 mA	720	800	880	ohm

