

Si Resistor Chip—TK0114CRN

1. Scope

- The specification applies to silicon resistor chips.
- Type : TK0114CRN.

2. Structure

- Silicon Substrate.
- Electrodes
 - Top side : Aluminum alloy.
 - Back side : Gold alloy.

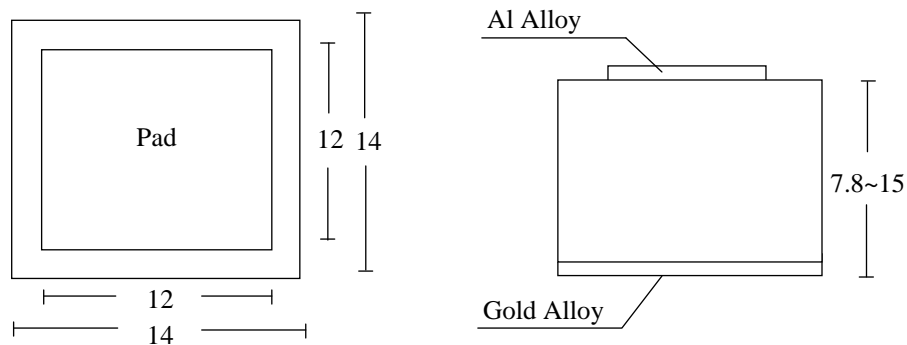
3. Size

- Chip size : 14mil × 14mil (0.36mm × 0.36mm)
- Thickness : 7.8~15mil
- Bonding pad : 12mil × 12mil (0.30mm × 0.30mm)
- Pattern drawing : per fig. 1

4. Electro-Optical Characteristics

(Ta = +25 °C)

Resistor	Apply Current Condition	Voltage Range
50Ω	20mA	0.9 ~ 1.1V
100Ω	20mA	1.80 ~ 2.20V
200Ω	20mA	3.6 ~ 4.4V
240Ω	20mA	4.3 ~ 5.3V
280Ω	20mA	5.04 ~ 6.16V
800Ω	10mA	7.2 ~ 8.8V
1000Ω	5mA	4.5 ~ 5.5V
1200Ω	5mA	5.4 ~ 6.6V



Unit : mil

fig. 1

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