

Electrical Characteristics

Parameters	CAT25	Test Method
Number of Resistors	8	
Resistance Range E24	10 ohms to 1 megohm	
Resistance Tolerance	5 %	JIS-C-5202.5.1
Power Rating/Resistor	62.5 mW	
Rating Temperature	+70 °C	
T.C.R.	±200 ppm/°C	JIS-C-5202.5.2
Maximum Operating Voltage	25 V	
Operating Temperature	-55 °C to +125 °C	

Specification	Characteristics	Test Method
Short Time Overload	±(3 % +0.1 ohm)	JIS-C-5202.5.5
Load Life	±(5 % +0.1 ohm)	JIS-C-5202.7.10
Humidity Load Life	±(3 % +0.1 ohm)	JIS-C-5202.7.9
Resistance to Soldering Heat	±(1 % +0.1 ohm)	JIS-C-5202.6.4
Terminal Strength	±(1 % +0.1 ohm)	JIS-C-5202.6.
Temperature Cycle	±(2 % +0.1 ohm)	JIS-C-5202.7.4
Vibration	±(1 % +0.1 ohm)	JIS-C-5202.6.3
Insulation Resistance	1000 megohms minimum	JIS-C-5202.5.6
Dielectric Withstanding Voltage	50 VRMS	JIS-C-5202.5.7
Lead Solderability	>95 %	JIS-C-5202.6.5

CA T 25 - 103 J A LF

Product _____
CA = Chip Array

Pin Style _____
T = Concave

Model _____

Resistance Value _____
103 = 10K ohms

Tolerance _____
J = 5 %

Electrical Circuit _____
A = 8 Resistors, Bussed Type

Terminations _____
LF = Tin-plated (RoHS compliant)

For Standard Values Used in Capacitors, Inductors, and Resistors, [click here](#).

Technical drawing of a 103 connector, showing top, side, and bottom views with dimensions in mm and inches.

Top View Dimensions:

- Overall width: 2.10 ± 0.20 ($.083 \pm .008$)
- Distance from left edge to center of first pin: 0.30 ± 0.20 ($.012 \pm .008$)
- Distance between pins: 0.80 ± 0.10 ($.032 \pm .004$)
- Overall length: 4.00 ± 0.20 ($.157 \pm .008$)
- Distance from left edge to center of last pin: 0.35 ± 0.20 ($.014 \pm .008$)
- Distance from right edge to center of last pin: 0.50 ± 0.20 ($.020 \pm .008$)

Side View Dimensions:

- Overall height: 0.25 ± 0.20 ($.010 \pm .008$)
- Distance from top edge to center of pin: 0.55 ± 0.10 ($.022 \pm .004$)

Bottom View Dimensions:

- Distance from bottom edge to center of pin: 0.40 ± 0.20 ($.016 \pm .008$)

Other Dimensions:

- Distance from bottom edge to center of pin (DIA.): $0.30 + 0.10 / - 0.20$ ($.012 + .004 / - .008$)

DIMENSIONS: MM (INCHES)

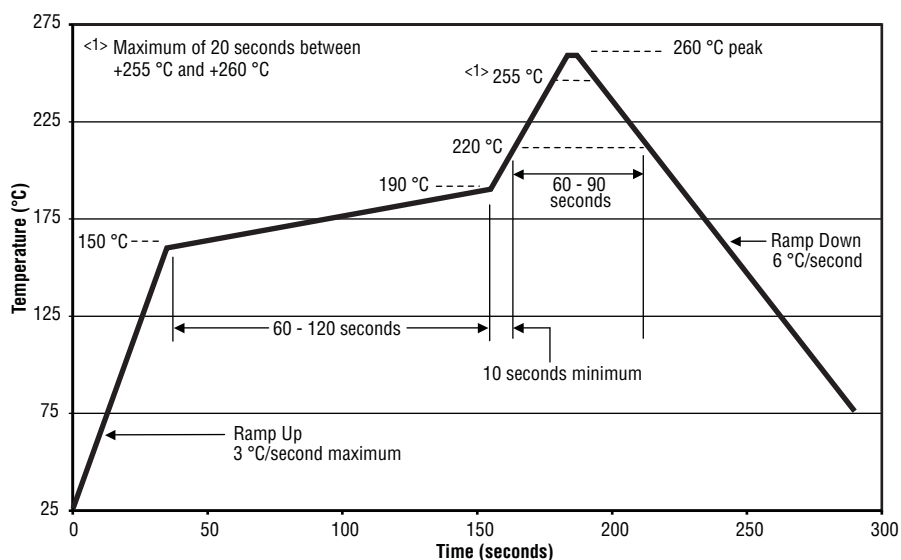


*RoHS Directive 2015/863, Mar 31, 2015 and Annex.
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CAT25 - Thick Film Chip Resistor Arrays

BOURNS®

Soldering Profile for RoHS Compliant Chip Resistors and Arrays



Packaging

12
(.472) embossed tape
4,000 pcs. per reel

Material

Substrate	Alumina 96
Element	Ruthenium Oxide
Coating	Glass
Terminal	Plated Ni+Sn

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