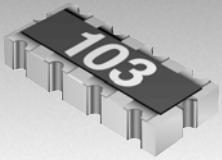


\*RoHS COMPLIANT



**BOURNS®**

**Features**

- Concave terminals
- RoHS compliant\*
- 8 bit multiple applications
- Smallest bussed chip array
- E 24 Series from 10 ohms to 1 megohm

**CAT25 - Thick Film Chip Resistor Arrays**

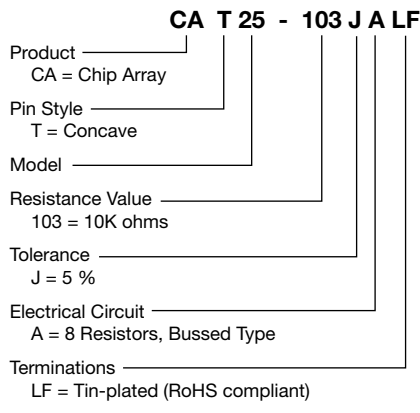
**Electrical Characteristics**

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	

**Environmental Characteristics**

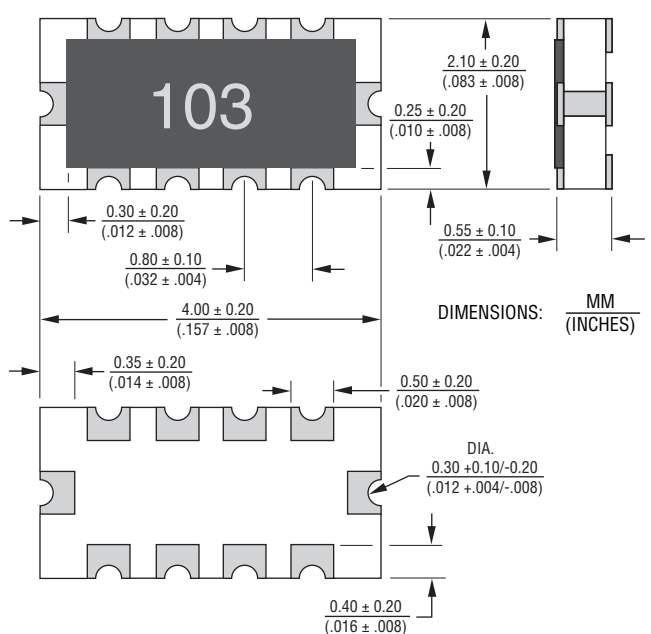
Specification	Characteristics	Test Method
Short Time Overload	±(3 % +0.1 ohm)	JIS-C-5202.5.5
Load Life	±(5 % +0.1 ohm)	JIS-C-5202.7.10
Humidity Load Life	±(3 % +0.1 ohm)	JIS-C-5202.7.9
Resistance to Soldering Heat	±(1 % +0.1 ohm)	JIS-C-5202.6.4
Terminal Strength	±(1 % +0.1 ohm)	JIS-C-5202.6.
Temperature 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

**How To Order**

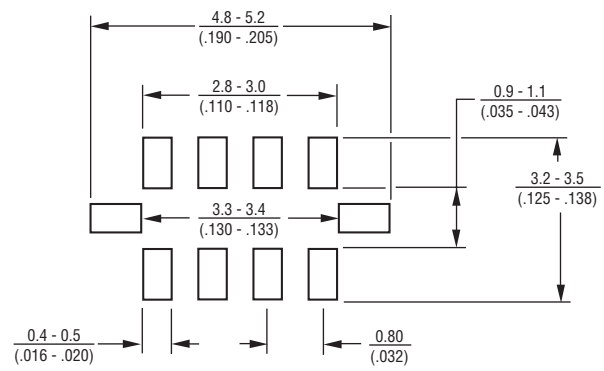


For Standard Values Used in Capacitors, Inductors, and Resistors, [click here](#).

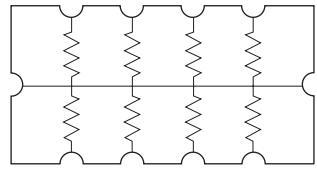
**Outline Drawing**



**Land Pattern**



**Electrical Circuit**

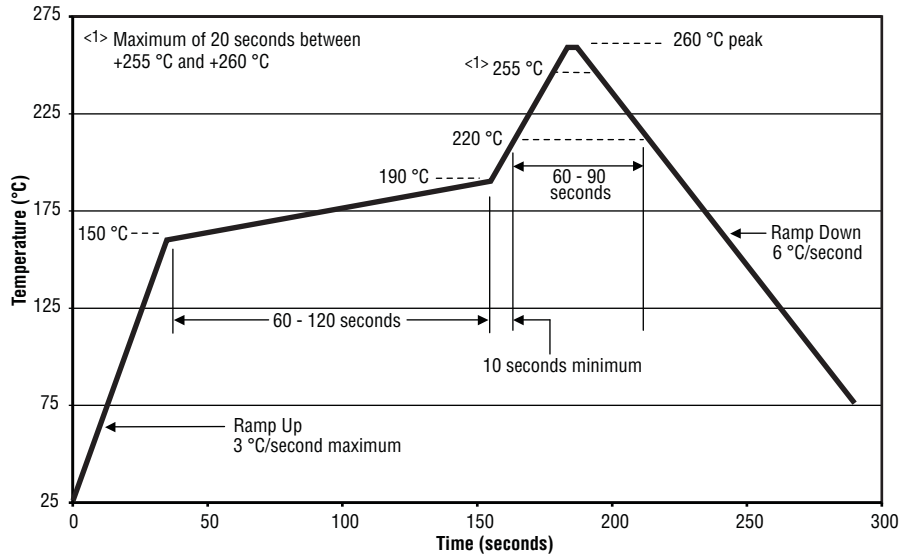


\*RoHS Directive 2002/95/EC Jan 27, 2003 including Annex. Specifications are subject to change without notice. Customers should verify actual device performance in their specific applications

# 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

<b>Substrate</b>	<b>Alumina 96</b>
Element	Ruthenium Oxide
Coating	Glass
Terminal	Plated Ni+Sn

REV. 06/11

Specifications are subject to change without notice.  
Customers should verify actual device performance in their specific applications