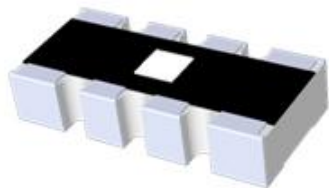


# Anti-Sulfurated Thick Film Chip Resistor Array- BCAS Series



## Features

- RoHS, Halogen Free and REACH Compliance
- Pb contained in glass material of resistor element are exempted by RoHS directive

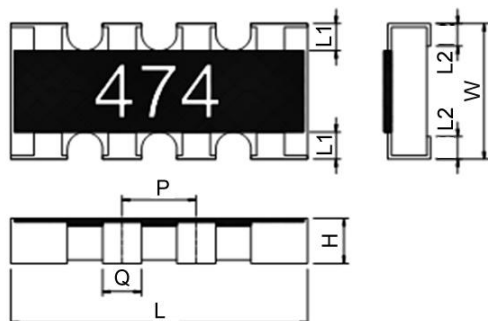
## Applications

- All general purpose application

## Product Identification

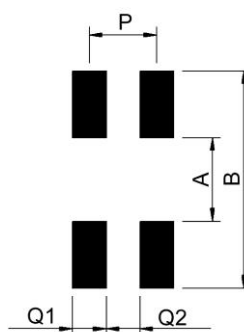
B	CAS	00	0402	2	10R2	F	TH
Grade	Product Series	Control Code	Dimensions Code (inch)	Circuits	Nominal Resistance	Tolerance	Taping Code
	Anti-Sulfurated		0402	2	10R2=10.2Ω	F=±1%	TH: 10000Pcs/Reel
	Thick film Chip Resistors Array		0603	4	1002=10KΩ	J=±5%	TP: 5000Pcs/Reel

## Configuration and Dimensions

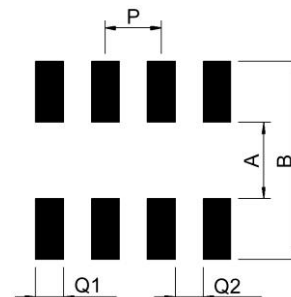


## Recommended Pattern

04022/06032



04022/06032



Dimensions in mm

Type	Configuration and Dimensions							Measurement Point				
	L	W	H	L1	L2	P	Q	A	B	P	Q1	Q2
BCAS0004022	1.0±0.10	1.0±0.10	0.30±0.05	0.15±0.10	0.25±0.15	0.67	0.33±0.1	0.5	2.0	0.67	0.33	0.34
BCAS0006032	1.6±0.15	1.6±0.15	0.45±0.10	0.30±0.15	0.30±0.20	0.80	0.60±0.1	1.0	2.6	0.8	0.40	0.40
BCAS0004024	2.0±0.10	1.0±0.10	0.40±0.10	0.20±0.10	0.25±0.15	0.50	0.30±0.1	0.5	2.0	0.5	0.28	0.22
BCAS0006034	3.2±0.20	1.6±0.15	0.50±0.10	0.30±0.15	0.30±0.20	0.80	0.50±0.1	1.0	2.6	0.8	0.40	0.40

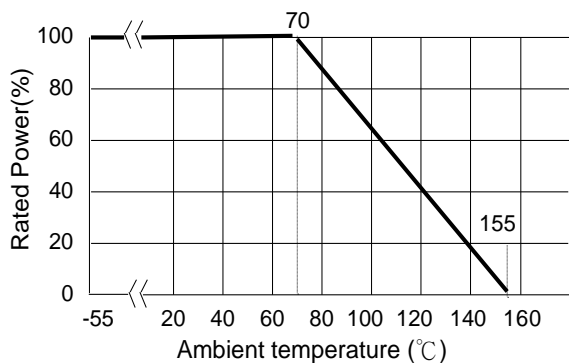
# Anti-Sulfurated Thick Film Chip Resistor Array- BCAS(AB) Series

## Electrical Characteristics Resistance Range:

Type	Rated Power at 70°C (W)	Working Voltage (V) Max.	Overload Voltage (V) Max.	T.C.R (ppm/°C)	Resistance Range (Ω)		Number of Terminals	Number of Resistors	JUMPER Rated Current (A)	JUMPER Resistance Value(mΩ) Max.		
					±1% E-24 · E-96	±5% E-24				±5% ±1%		
					A B B							
BCAS0004022	1/16	25	50	±300	1 ≤ R < 10	1 ≤ R < 10	4	2	1	50	100	50
				±200	10 ≤ R ≤ 10M	10 ≤ R ≤ 10M						
BCAS0006032	1/16	50	100	±200	10 ≤ R ≤ 10M	1 ≤ R ≤ 10M	4	2	1	50	100	50
BCAS0004024	1/16	25	50	±300	1 ≤ R < 10	1 ≤ R < 10	8	4	1	50	100	50
				±200	10 ≤ R ≤ 10M	10 ≤ R ≤ 10M						
BCAS0006034	1/16	50	100	±200	1 ≤ R ≤ 10M	1 ≤ R ≤ 10M	8	2	1	50	100	50
Operating Temperature Range				-55°C ~ +155°C								

**Note: When ordering, please specify tolerance code. Tolerance: F=±1%, J=±5%**

- Power Derating Curve: Operating Temperature Range: -55°C ~ +155°C or For resistors operated in ambient temperatures 70°C, power rating shall be derated in accordance with the curve below:



- Rated Voltage: The resistor shall have a DC continuous working voltage or a rms. AC continuous working voltage at commercial-line frequency and wave form corresponding to the power rating, as determined from the following:

Remark: E: Rated voltage (V), P: Power rating (W), R: Nominal Resistance (Ω)

$$E = \sqrt{R \times P}$$

## Legal disclaimer

CHILISIN, its distributors and agents (collectively, "CHILISIN"), hereby disclaims any and all liabilities for any errors, inaccuracies or incompleteness contained in any product related information, including but not limited to product specifications, datasheets, pictures and/or graphics. CHILISIN may make changes, modifications and/or improvements to product related information at any time and without notice.

CHILISIN makes no representation, warranty, and/or guarantee about the fitness of its products for any particular purpose or the continuing production of any of its products. To the maximum extent permitted by law, CHILISIN disclaims (i) any and all liability arising out of the application or use of any CHILISIN product, (ii) any and all liability, including without limitation special, consequential or incidental damages, and (iii) any and all implied warranties, including warranties of fitness for a particular purpose, non-infringement and merchantability.

CHILISIN defined this product is for general electrical use , not design for any application for automotive electrical ,life-saving or life support equipment, or any application which may inflict casualties if CHILISIN product failure occurred. When consumer is using or selling products of CHILISIN without having discussion with the sales representatives and specifically stated the applicability mentioned above in a written form, then the client need to take a full responsibility and agree to protect CHILISIN from punishment and damage.

Information provided here is intended to indicate product specifications only. CHILISIN reserves all the rights for revising this content without further notification, as long as products are unchanged. Any product change will be announced by ECN.