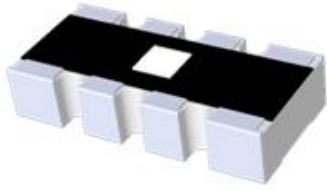


Anti-Sulfurated Thick Film Chip Resistor Array- BCAS Series



Features

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

Applications

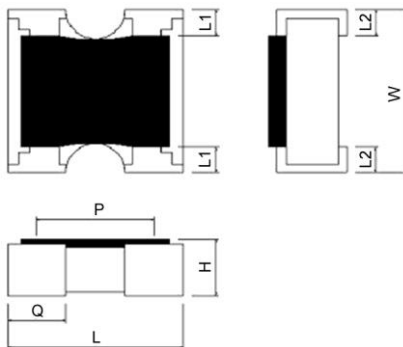
- All general purpose application

Product Identification

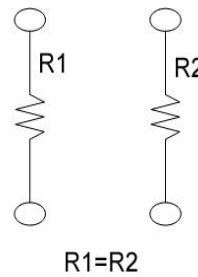
B	CAS	00	0402	2	10R2	F	TH
Grade	Product Series	Control Code	Dimensions Code (inch)	Circuits	Nominal Resistance	Tolerance	Taping Code
	Anti-Sulfurated Thick film Chip Resistors Array		0402 0603	2 4	10R2=10.2Ω 1002=10KΩ	F=±1% J=±5%	TH: 10000Pcs/Reel TP: 5000Pcs/Reel

Configuration and Dimensions

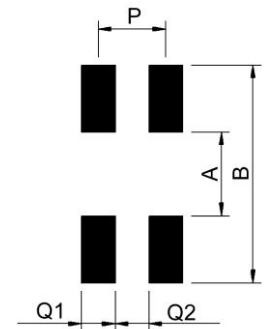
BCAS0004022/BCAS0006032



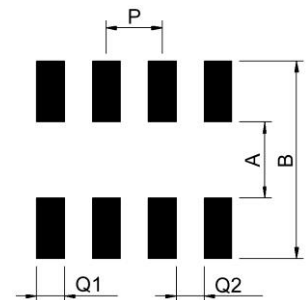
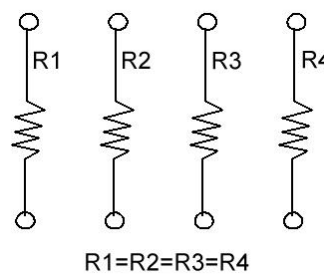
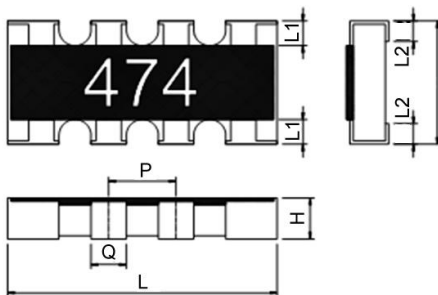
Circuits



Recommended Pattern



BCAS0004024/BCAS0006034



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

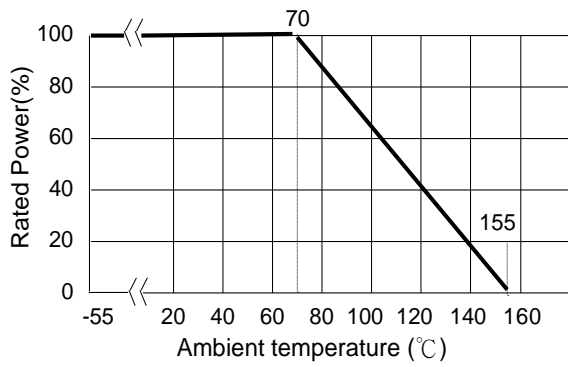
Anti-Sulfurated Thick Film Chip Resistor Array- BCAS Series

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%	±5%				±5%	±1%
					E-24 · E-96	E-24					
BCAS0004022	1/16	25	50	±300	1 ≤ R < 10	1 ≤ R < 10	4	2	1	100	50
				±200	10 ≤ R ≤ 10M	10 ≤ R ≤ 10M					
BCAS0006032	1/16	50	100	±200	10 ≤ R ≤ 10M	1 ≤ R ≤ 10M	4	2	1	100	50
BCAS0004024	1/16	25	50	±300	1 ≤ R < 10	1 ≤ R < 10	8	4	1	100	50
				±200	10 ≤ R ≤ 10M	10 ≤ R ≤ 10M					
BCAS0006034	1/16	50	100	±200	1 ≤ R ≤ 10M	1 ≤ R ≤ 10M	8	2	1	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)

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

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