ROYALOHM

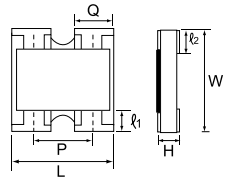
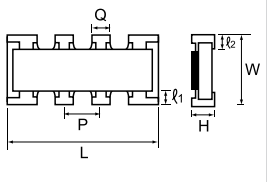
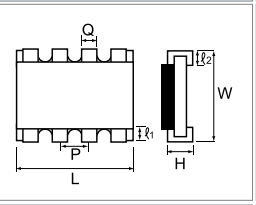
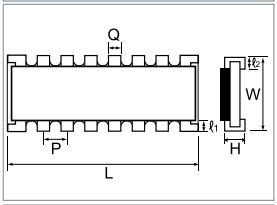
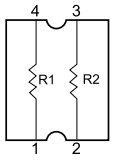
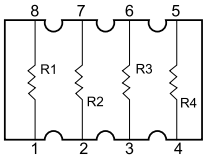
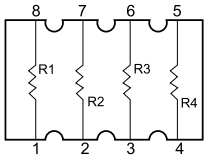
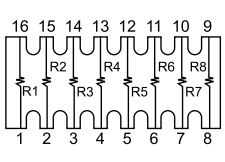
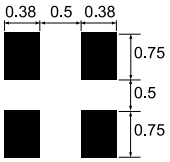
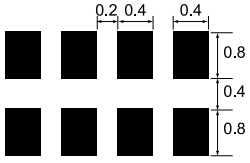
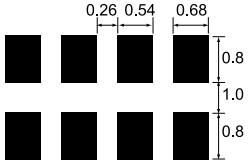
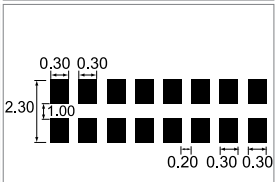
Thick Film Chip Resistor Arrays - Convex Terminal

Features

- High density 2,4, 8 resistors in one small case (convex type)
- Improvement of placement efficiency
- Packaging is suitable for automatic placement machines
- Superior solderability
- Scalloped

Mechanical Specification

Standard : 2% ,5% ,10% -- E-24 series
1% -- E-96 series

	2D02	4D02	4D03	16P8
Dimension (mm)				
Equivalent Circuit Diagram	 R1=R2	 R1=R2=R3=R4	 R1=R2=R3=R4	 R1=R2=R3=R4=R5=R6=R7=R8
Recommended pad size				

Type	Style	L	W	H	ℓ_1	ℓ_2	P	Q
2D02 (0402x2)	2D02 (4Pin 2R)	1.00±0.10	1.00±0.10	0.35±0.10	0.17±0.10	0.25±0.10	0.65±0.05	0.33±0.10
4D02 (0402x4)	4D02 (8Pin 4R)	2.00±0.10	1.00±0.10	0.45±0.10	0.20±0.15	0.30±0.15	0.50±0.05	0.30±0.05
4D03 (0603x4)	4D03 (8Pin 4R)	3.20±0.20	1.60±0.20	0.50±0.10	0.30±0.15	0.30±0.15	0.80±0.10	0.50±0.15
16P8	16P8 (16Pin 8R)	4.00±0.20	1.60±0.15	0.45±0.10	0.30±0.15	0.40±0.15	0.50±0.05	0.30±0.05
10P8	10P8 (10Pin 8R)	3.20±0.20	1.60±0.15	0.55±0.10	0.40±0.10	0.30±0.10	0.64±0.05	0.35±0.05

Type	Style	Power Rating at 70°C	Max Working Voltage	Max Overload Voltage	Dielectric Withstanding Voltage	T.C.R. PPM/°C	Resistance Range		Jumper Rated Current
							F(±1%)	J(±5%)	
2D02 (0402x2)	2D02 (4Pin 2R)	1/16W	50V	100V	500V	±200	10Ω ~ 1MΩ	10Ω ~ 1MΩ	1A
4D02 (0402x4)	4D02 (8Pin 4R)	1/16W	50V	100V	500V	±200	10Ω ~ 1MΩ	10Ω ~ 1MΩ	1A
4D03 (0603x4)	4D03 (8Pin 4R)	1/16W	50V	100V	500V	<10Ω: ±400 ≥10Ω: ±200	10Ω ~ 1MΩ	1Ω ~ 1MΩ	1A
16P8	16P8 (16Pin 8R)	1/16W	50V	100V	100V	<10Ω: ±400 ≥10Ω: ±200	1Ω ~ 1MΩ	1Ω ~ 1MΩ	1A
10P8	10P8 (10Pin 8R)	1/32W	25V	50V	50V	±200	10Ω ~ 1MΩ	10Ω ~ 1MΩ	0.5A

Standard Operating Temp (°C): -55~+155

RoHS Compliant

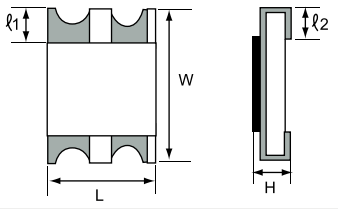
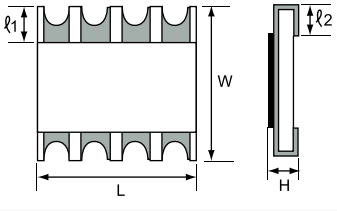
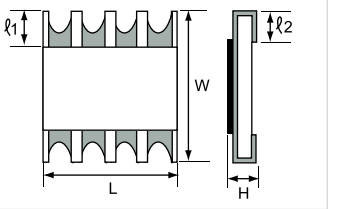
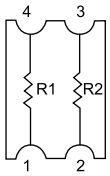
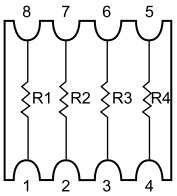
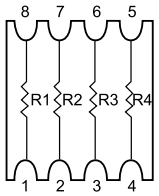
ROYALOHM

Thick Film Chip Resistor Arrays - Concave Terminal

Features

- High density, more than 1 resistors in one small case
- The concave designed in terminal enlarge the soldering plate area
- Concave is design to reduce the terminal breaking risk
- Improvement of placement efficiency
- Application: RAM, CD & DVD Rom, Hard Disk, Master board

Standard : 2% ,5% ,10% -- E-24 series
1% -- E-96 series

	2C02	4C02	4C03
Dimension (mm)			
Equivalent Circuit Diagram	 R1=R2	 R1=R2=R3=R4	 R1=R2=R3=R4

Type	Style	L	W	H	ℓ_1	ℓ_2
2C02	2C02 (4Pin 2R)	1.00±0.10	1.00±0.10	0.35±0.10	0.15±0.10	0.30±0.10
4C02	4C02 (8Pin 4R)	2.00±0.10	1.00±0.10	0.45±0.10	0.15±0.10	0.30±0.10
4C03	4C03 (8Pin 4R)	3.20±0.20	1.60±0.20	0.60±0.10	0.30±0.20	0.40±0.10

Type	Style	Power Rating at 70°C	Max Working Voltage	Max Overload Voltage	Dielectric Withstanding Voltage	T.C.R. PPM/°C	Resistance Range		Jumper Rated Current
							F(±1%)	J(±5%)	
2C02	2C02 (4Pin 2R)	1/16W	25V	50V	100V	±200	10Ω ~ 1MΩ	10Ω ~ 1MΩ	1A
4C02	4C02 (8Pin 4R)	1/16W	25V	50V	100V	±200	10Ω ~ 1MΩ	10Ω ~ 1MΩ	1A
4C03	4C03 (8Pin 4R)	1/16W	50V	100V	300V	<10Ω: ±400 ≥10Ω: ±200	1Ω ~ 1MΩ	1Ω ~ 1MΩ	1A

Standard Operating Temp (°C): -55~+155

RoHS Compliant