Thick Film Chip Resistor Arrays - Convex Terminal

Performance Specification

Short Time Overload	±(2.0% + 0.1Ω)Max
Terminal Bending	±(1.0% + 0.05Ω)Max
Soldering Heat	±(1.0% + 0.05Ω)Max
Insulation Resistance	Min. 1,000 Mega Ohm
Solderability	Min. 95% coverage.
Temperature Cycling	±(1.0% + 0.05Ω)Max
Load Life in Humidity	±(3.0% + 0.1Ω)Max
Load Life	±(3.0% + 0.1Ω)Max
Dieiectric Withstanding Voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown.

Ordering Procedure: Ex.: RMC 1/16W (2D02), +/-1%,10Ω, T/R5000

2	D	0	2	W	G	F	1	0	0	J	T	C	E

Resistor Size:
2D02, 4D02, 4D03,
10P8, 16P8

Wattage:
WG = 1/16W
WH = 1/32W

Tolerance:
F = ±1%
J = ±5%

Resistance Value:
- E-24 series:
  1st digit is "0"
  2nd & 3rd digits are significant figures of the resistance
  4th indicates the number of zeros
- E-96 series:
  1st to 3rd digits are significant figures of the resistance
  4th digit indicates the number of zeros.
  "J" ~0.1, "K" ~ 0.01, "L" ~ 0.001
  Ex. 2Ω26~ 266K, 266Ω~2260

Packing Type:
T = Tape/Reel

Packing Qty:
4 = 4,000 pcs.
5 = 5,000 pcs.
C = 10,000 pcs.

Special Feature:
E = Lead (Pb) Free Plating Type/
RoHS compliant

RoHS Compliant

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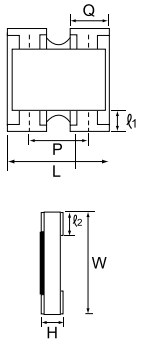
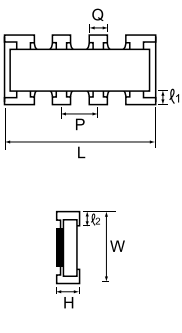
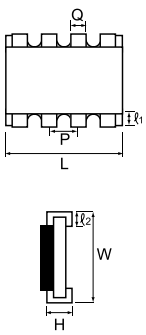
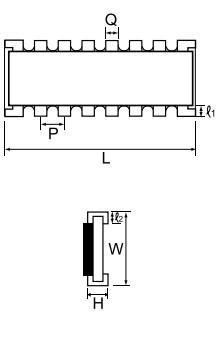
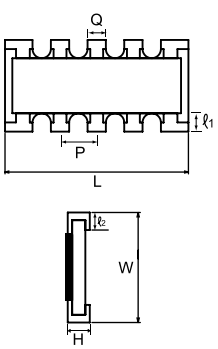
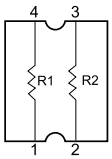
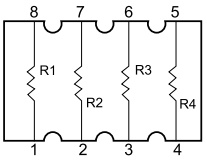
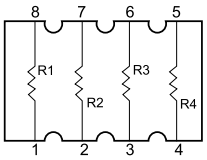
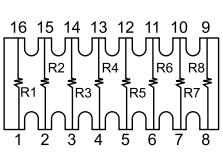
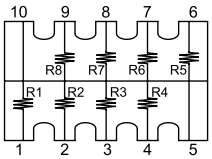
Features

- 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	10P8
Dimension (mm)					
Equivalent Circuit Diagram	 R1=R2	 R1=R2=R3=R4	 R1=R2=R3=R4	 R1=R2=R3=R4=R5=R6=R7=R8	 R1=R2=R3=R4=R5=R6=R7=R8

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	0.40±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±0.10	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	100V	±200	10Ω ~1MΩ	10Ω ~1MΩ	1A
4D02 (0402x4)	4D02 (8Pin 4R)	1/16W	50V	100V	100V	±200	10Ω ~1MΩ	10Ω ~1MΩ	1A
4D03 (0603x4)	4D03 (8Pin 4R)	1/16W	50V	100V	300V	<10Ω : ±400 ≥10Ω : ±200	10Ω ~1MΩ	1Ω ~1MΩ	1A
16P8	16P8 (16Pin 8R)	1/16W	50V	100V	300V	<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

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