THICK FILM CONVEX CHIP ARRAYS

SMN SERIES  Resistor Arrays
ZMN SERIES  Jumper Arrays

- Internationally popular convex termination pads
- Industry’s widest selection and lowest cost!
- 1Ω to 10MΩ, 0.5% to 5%, 8 sizes, 3 circuit schematics
- 2 to 9 resistors per array reduces mounting costs
- ZMN Series zero ohm jumpers are 1Amp, 50mΩ max
- Scalloped edge design available

RCD’s Series SMN resistor and ZMN jumper chip arrays not only enable significant pcb space savings, but a sizeable cost savings over the use of individual components. The savings in assembly cost, by placing a single chip instead of multiple chips, more than pays for the cost of these components. SMN/ZMN feature convex terminations, concave available (see CN Series).

4 PIN: SMN0404, SMN0606

10 PIN: SMN2010, SMNN1206

16 PIN: SMN1506

SUGGESTED PAD LAYOUT

DERATING

TYPICAL PERFORMANCE CHARACTERISTICS

P/N DESIGNATION: SMN 2010

Type (SMN, SMNN or ZMN)
Chip Size
Circuit Configuration: A, B, D
Resis. Code 1%: 3 significant figures & multiplier, e.g. 1R00=1Ω, 10R00=10Ω, 1000=100Ω, 1001=1KΩ, etc.
Resis. Code 2%-5%: 2 significant figures & multiplier, e.g. 1R0=1Ω, 10R0=10Ω, 100=100Ω, 101=1KΩ, etc.
Leaves blank on ZMN zero-ohm jumper arrays
Tolerance Code: J=±5%(std), G=±2%, F=±1%, D=±0.5%
Leaves blank on ZMN zero-ohm jumper arrays
Packaging: B = Bulk, T = Tape & Reel
Termination: W= Lead-free (standard), Q= Tin/Lead
(leave blank if either is acceptable)