

VISHAY / DALE 2% Thick Film Resistor Networks

MDP SERIES - MOLDED DIP RESISTOR NETWORKS

Features:

- Dual-in-line, molded DIP
- .160" [4.06mm] maximum seated height
- Rugged, molded case construction
- Low temperature coefficient (-55°C to +125°C) ±100PPM/°C

Electrical Specifications:

- Tolerance: ±2% standard
- Temperature coefficient: -55°C to +125°C



RoHS Compliant

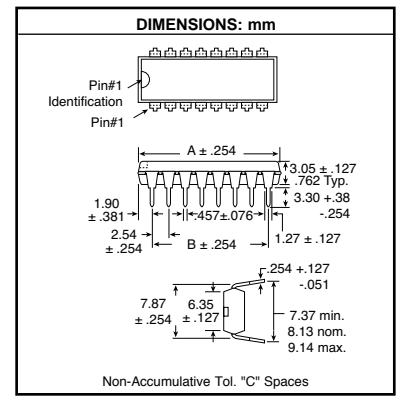
4 Digit Resistance Value Chart = First 3 digits are significant figures and the last digit specifies the number of zeroes to follow. Example: 1002 = 10K, 10R0 = 10 ohm

MOUSER STOCK NO.	Fig.	No. of Pins	Price Each			
			1	25	100	200
71-MDP1401(Value)GE04	A	14				
71-MDP1403(Value)GE04	A	14				
71-MDP1601(Value)GE04	B	16				
71-MDP1603(Value)GE04	B	16				



TYPE	Dim. A (mm)	Dim. B (mm)	C
MDP14	19.05	15.24	6
MDP16	21.59	17.78	7

Resistance Value Chart (Ω)					
22	150	1K	5.6K	39K	330K
27	180	1.2K	6.8K	47K	390K
33	200	1.5K	8.2K	51K	470K
39	220	1.8K	10K	68K	510K
47	270	2K	12K	82K	560K
51	330	2.2K	15K	100K	680K
56	390	2.7K	18K	120K	820K
68	470	3.3K	20K	150K	1M
82	510	3.9K	22K	180K	
100	560	4.7K	27K	200K	
120	680	5.1K	33K	220K	



Networks / Arrays

SOMC SERIES - MOLDED, SURFACE MOUNT COMPATIBLE

Features:

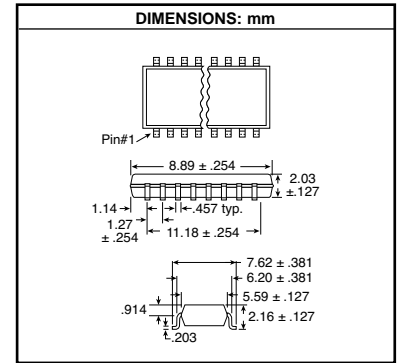
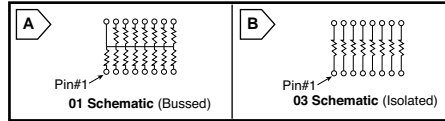
- .050" [1.27mm] lead spacing
- .090" [2.29mm] maximum seated height
- Highly stable thick film
- Low temperature coefficient (-55°C to +125°C) ±100PPM/°C
- Reduces total assembly costs
- Wide resistance range available
- Uniform performance characteristics
- Meets EIA PDP100, SOGN-0002 outline dimensions

Electrical Specifications:

- Resistance range: 10 ohm to 1 Megohm standard. Zero ohm jumpers available.
- Tolerance: ±1%, ±5%, ±10%, ±20% available.
- Temperature coefficient: (-55°C to +125°C) ±100PPM/°C typical
- Resistor power rating: 70°C max.
- 01 Schematics = .080W; 03 Schematic = .160W
- Operating temperature range: -55°C to +125°C

Available in 14 and 20 pin style, additional resistance values, in isolated and bussed styles.

MOUSER STOCK NO.	Fig.	No. of Pins	Values (Ω)	Price Each			
				1	50	100	500
71-SOMC1601-Value	A	16	22, 470, 1K, 2.2K, 4.7K, 6.8K, 10K, 22K, 47K, 100K				
71-SOMC1603-Value	B	16	22, 33, 47, 100, 220, 330, 1K, 2.2K, 4.7K, 10K, 100K				



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CSC SERIES - 2% CONFORMAL COATED SIP RESISTOR NETWORKS

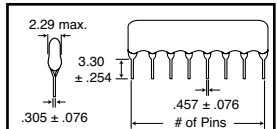
Features:

- .195 (4.95mm) "A"
- "A" profile standard in 6 thru 10 pins

Specifications:

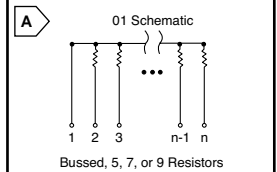
- Operating temperature range: -55°C to +125°C
- Temperature coefficient of resistance: (-55°C to +125°C) ±100ppm/°C typical
- Operating voltage: 100VDC max.
- Resistor power rating: (max. @ +70°C) fig. A .125W, fig. B .20W

DIMENSIONS: mm



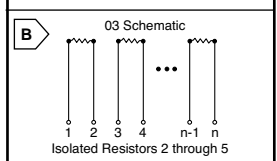
Bussed / One Pin Common Configuration

MOUSER STOCK NO.	Fig.	Value (Ω)	Power Dissipation Per Circuit	Total Pkg. (Max.)	No. of Pins (N)	No. of Res.	Price Each					
							1	100	200	500	1000+	
71-CSC06A01-Value	A	220, 330, 560, 680, 1.0K, 1.5K, 2.2K, 3.3K, 4.7K, 6.8K, 10K, 22K, 47K, 56K, 100K, 220K, 330K, 1.0M	.125	.75	6	5						Call For Quote
71-CSC08A01-Value	A	330, 470, 1.0K, 2.2K, 3.3K, 4.7K, 10K, 22K, 33K, 47K, 100K	.125	1	8	7						Call For Quote
71-CSC10A01-Value	A	100, 150, 200, 220, 330, 470, 560, 1.0K, 1.5K, 2.2K, 3.3K, 4.7K, 10K, 20K, 22K, 33K, 47K, 56K, 100K, 470K, 1.0M	.125	1.25	10	9						Call For Quote



Isolated Configuration

MOUSER STOCK NO.	Fig.	Value (Ω)	Power Dissipation Per Circuit	Total Pkg. (Max.)	No. of Pins (N)	No. of Res.	Price Each					
							1	100	200	500	1000+	
71-CSC06A03-Value	B	100, 150, 220, 470, 1.0K, 2.2K, 4.7K, 10K, 100K	.2	.75	6	3						Call For Quote
71-CSC08A03-Value	B	47, 100, 150, 220, 330, 470, 680, 1.0K, 1.5K, 2.2K, 3.3K, 4.7K, 10K, 22K, 47K, 68K, 100K, 150K, 200K, 470K	.2	1	8	4						Call For Quote
71-CSC10A03-Value	B	22, 47, 100, 220, 470, 1.0K, 3.3K, 4.7K, 5.6K, 10K, 100K, 1.0M	.2	1.25	10	5						Call For Quote



XICON 2% SIP Thick Film Power Resistor Networks - 1/8W



Specifications:

- Resistance range: 10Ω to 1MΩ
- Resistance tolerance: ±2%
- Temperature coefficient: 100ppm/°C
- Power rating: 1/8W per resistor
- Operating temperature range: -55°C to +125°C
- Solderability: per MIL-R-83401

Other Values Available Upon Request

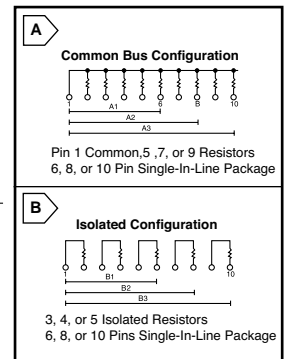
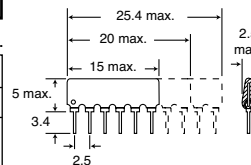
TABLE OF STANDARD VALUES											
10	56	220	680	2.2K	6.8K	22K	82K	330K			
22	68	270	820	2.7K	8.2K	27K	100K	390K			
27	82	330	1.0K	3.3K	10K	33K	120K	470K			
33	100	390	1.2K	3.9K	12K	39K	150K	560K			
39	120	470	1.5K	4.7K	15K	47K	180K	680K			
47	150	510	1.8K	5.1K	18K	56K	220K	820K			
51	180	560	2.0K	5.6K	20K	68K	270K	1M			



RoHS Compliant

DIMENSIONS: mm

MIL-R-83401



For quantities 5,000 and up, call for quote.

MOUSER STOCK NO.	Fig.	No. of Pins (N)	No. of Res.	Price Each				
				1	100	500	1000	2000
264-Value-RC	A	6	5					
265-Value-RC	A	8	7					
266-Value-RC	A	10	9					
267-Value-RC	B	6	3					
268-Value-RC	B	8	4					
269-Value-RC	B	10	5					