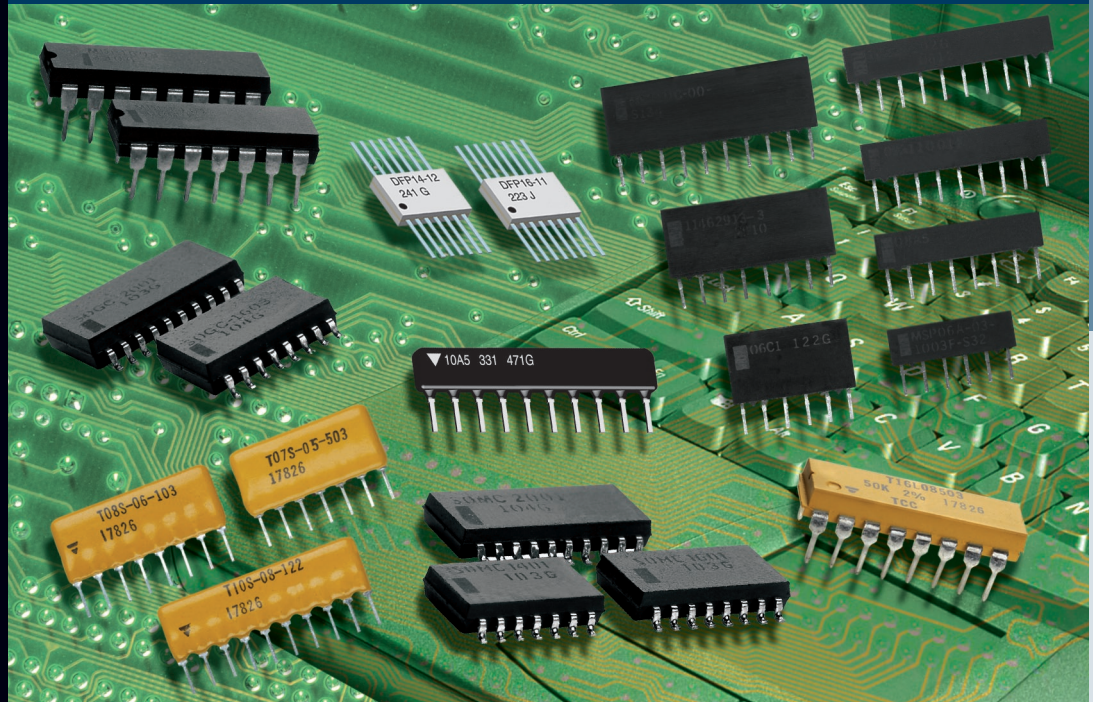




# RESISTOR NETWORKS



## KEY BENEFITS

- A wide range of power ratings (0.15 W to 2.0 W)
- A wide resistance range (10  $\Omega$  to 2.2 M $\Omega$ )
- Low/high temperature performance (- 55  $^{\circ}\text{C}$  to + 125  $^{\circ}\text{C}$ )
- Tight tolerance (down to 1 %)
- Low temperature coefficient (down to  $\pm$  100 ppm/ $^{\circ}\text{C}$ )
- Thick Film resistive elements
- Reduces total assembly costs
- Custom networks available

## APPLICATIONS

- MOS/ROM pull-up, pull-down
- TTL input pull-down
- Digital pulse squaring
- Power-driven pull-up
- TTL to ECL translation
- SCSI-BUS terminator applications
- “Wired OR” pull-up
- LED current limiting
- D/A and A/D convertor
- Line termination

For available Military Product, M83401, consult Military Networks Selector Guide



## Resistor Networks

Surface-Mount Resistor Networks												
Product	Model	Circuit	Profile	Power Rating (W)	Value Range ( $\Omega$ )	TC (ppm/ $^{\circ}$ C)	Tolerance ( $\pm$ %)					
 <b>SOMC</b>	SOMC	01	n/a	0.08	10 – 1 M	$\pm$ 100	2 % (1 %, 5 %*)					
		03	n/a	0.16	10 – 1 M		2 % (1 %, 5 %*)					
		05	n/a	0.08	10 – 1 M		2 % (5 %*)					
 <b>SOGC</b>	SOGC	01	n/a	0.1	10 – 1 M	$\pm$ 100	2 % (1 %, 5 %*)					
		03	n/a	0.19	10 – 1 M		2 % (1 %, 5 %*)					
		05	n/a	0.1	10 – 1 M		2 % (5 %*)					
		45	n/a	0.1	180, 270, 820	$\pm$ 100	2 %					
46	n/a	0.1	330, 150, 330									
 <b>DFP</b>	DFP	11	n/a	0.25	10 – 1 M	$\pm$ 100	2 % (1 %, 5 %*)					
		12	n/a					0.15				
Single-in-Line Through-Hole Resistor Networks												
 <b>CSC</b>	CSC	01	A	0.2	10 – 2.2 M	$\pm$ 100	2 % (1 %, 5 %*)					
			B	0.25								
		03	A	0.3	10 – 2.2 M							
			B	0.4								
		05	A	0.2	10 – 2.2 M							
B	0.25											
 <b>MSP</b>	MSP	01	A	0.2	10 – 2.2 M	$\pm$ 100	2 % (1 %, 5 %*)					
			C	0.25								
		03	A	0.3	10 – 2.2 M							
			C	0.4								
		05	A	0.2	10 – 2.2 M							
			C	0.25								
 <b>TxxS</b>	TxxS	R/2R	C	0.05	5 K – 100 K	$\pm$ 100	2 %					
Dual-in-Line Through-Hole Resistor Networks												
 <b>MDP</b>	MDP	01	n/a	0.125	10 – 2.2 M	$\pm$ 100	2 % (1 %, 5 %*)					
		03	n/a	0.25	10 – 2.2 M		2 % (1 %, 5 %*)					
		05	n/a	0.125	10 – 2.2 M		2 % (5 %*)					
		45	n/a	0.125	180, 270, 820	$\pm$ 100	2 %					
		46	n/a	0.125	330, 150, 330	$\pm$ 250	5 %					
 <b>TxxLxx</b>	T14L	10	n/a	0.05	25 K – 100 K	$\pm$ 100	2 %					
	T16L	08	n/a	0.05								
		R8	n/a	0.05								

\* Tolerances in parenthesis are available upon request.  
Contact factory about custom schematics and/or test requirements for the SMD (SOMC, SOGC, DFP), SIP (CSC, MSP, TxxS), and DIP (MDP) product lines.

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