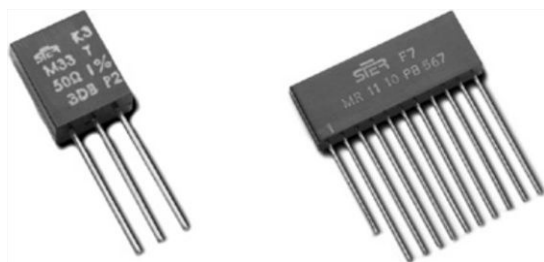


Resistor Networks Metal Film Technology



FEATURES

- RCMA 02 metal film
- RCMX 02 metal film
- Temperature range - 55 °C to + 125 °C
- Tolerance and/or temperature coefficient
Tolerance tracking 0.1 % between two resistors
TCR tracking 2 ppm/°C between two resistors
- Material categorization: For definitions of compliance please see www.vishay.com/doc?999912


RoHS
COMPLIANT

Please consult Vishay Sfernice for special requirements.

DIMENSIONS in millimeters (inches)

<p>Lead spacing: 2.54 OR 5.08 (0.100) OR (0.200)</p>	SERIES	MR3..	MR4..	MR5..	MR7..	MR11..
	S = 2.54 (0.100)	8.6	11.5	13.6	19.7	28.8
	A = 5.08 (0.200) ⁽¹⁾	13.6	19.7	On request		

Note

⁽¹⁾ On request

STANDARD ELECTRICAL SPECIFICATIONS

MODEL	RESISTANCE RANGE Ω	POWER RATING $P_{70^\circ C}$ W	ABSOLUTE TOLERANCE $\pm \%$	RATIO TOLERANCE $\pm \%$	ABSOLUTE TCR \pm ppm/°C	RATIO TCR \pm ppm/°C
MR	0.1 to 10M	0.1	0.1 to 5	0.1, 0.05, 0.02, 0.01	5 to 50	1, 2

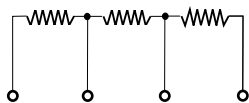
ELECTRICAL SPECIFICATIONS (PER RESISTOR)

Maximum Power Rating Per Packaging	Number of resistors x 0.1 W
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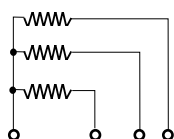
AVAILABLE CONFIGURATIONS

RESISTOR NETWORKS

S SERIES

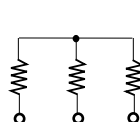


PARALLEL + COMMON



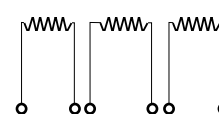
P

PARALLEL



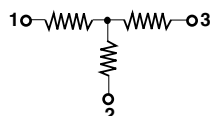
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INDEPENDENT

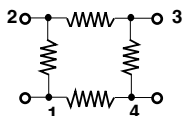


ATTENUATORS

T

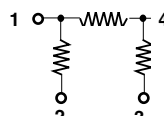


U



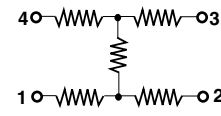
O

(BALANCED PI)



H

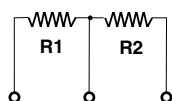
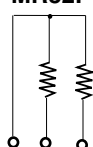
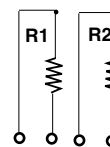
(BALANCED T)



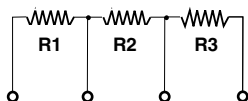
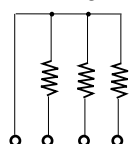
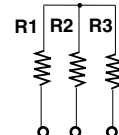
PACKAGED CONFIGURATIONS

Standard models - consult Vishay Sfernice for special configuration requirements

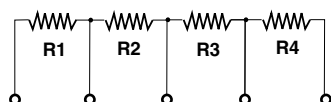
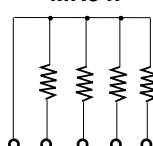
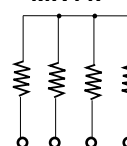
2 RESISTOR NETWORKS

MR32S

MR32P

MR42E


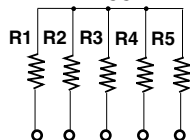
3 RESISTOR NETWORKS

MR43S or U

MR43P

MR33P or T


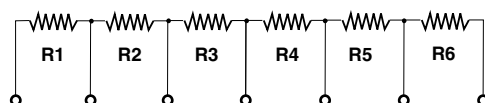
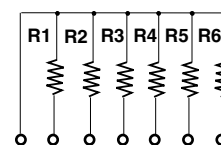
4 RESISTOR NETWORKS

MR54S

MR54P

MR44P


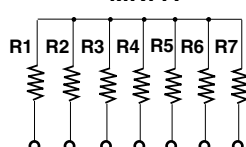
5 RESISTOR NETWORKS

MR55P


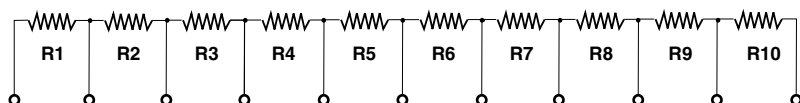
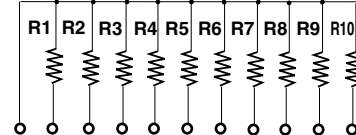
6 RESISTOR NETWORKS

MR76S

MR76P


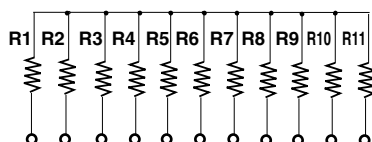
7 RESISTOR NETWORKS

MR77P


10 RESISTOR NETWORKS

MR1110S

MR1110P


11 RESISTOR NETWORKS

MR1111P


**ORDERING INFORMATION****ATTENUATORS**

MR	3	3	T	S	20B	50U	1 %	K3	e2
	NUMBER OF LEADS	NUMBER OF RESISTORS	CONFIGURATION	LEAD SPACING	ATTENUATION RANGE	IMPEDANCE	TOLERANCE PER RESISTIVE ELEMENT	TEMPERATURE COEFFICIENT	LEAD (Pb)-FREE
				S standard: 2.54 (0.100) A on request: 5.08 (0.200)					

RESISTORS NETWORKS

MRC **9** **8** **P** **S** **50U** **XXX** **e2**

MODEL	NUMBER OF LEADS	NUMBER OF RESISTORS	CONFIGURATION	LEAD SPACING	APPLICABLE	SPECIAL REQUEST, TRACKING MATCHING	LEAD (Pb)-FREE
		P = Parallel S = Serie		S standard: 2.54 (0.100) A on request: 5.08 (0.200)	Only when the ohmic value is the same for all resistors		

SAP PART NUMBERING GUIDELINES**ATTENUATORS**

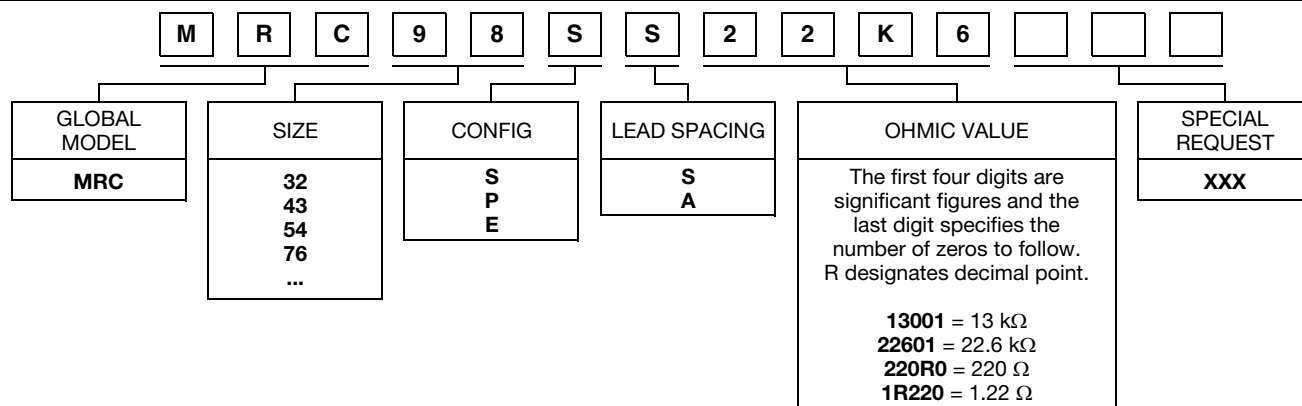
M **33** **T** **S** **500** **2R0** **F** **H**

MODEL	SIZE	CONFIGURATION	LEAD SPACING	IMPEDANCE	ATTENUATORS	TOLERANCE	TEMPERATURE COEFFICIENT
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RESISTORS NETWORKS

MRC **98** **P** **S** **500** **XXX**

MODEL	SIZE	CONFIGURATION	LEAD SPACING	OHMIC VALUE	SPECIAL REQUEST
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GLOBAL PART NUMBER INFORMATION



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