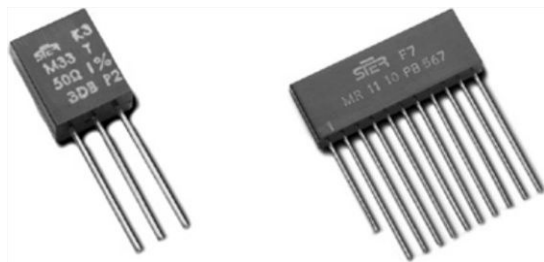


Resistor Networks Metal Film Technology



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?99912


**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		

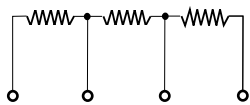
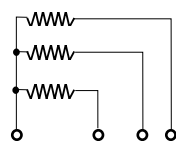
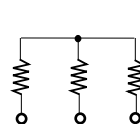
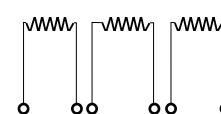
Note
⁽¹⁾ On request

STANDARD ELECTRICAL SPECIFICATIONS						
MODEL	RESISTANCE RANGE Ω	POWER RATING $P_{70^{\circ}\text{C}}$ W	ABSOLUTE TOLERANCE ± %	RATIO TOLERANCE ± %	ABSOLUTE TCR ± ppm/°C	RATIO TCR ± 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

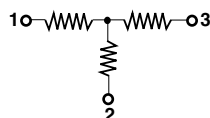
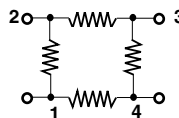
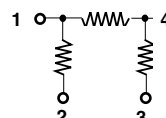
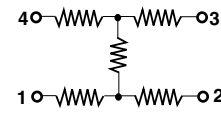
ELECTRICAL SPECIFICATIONS (PER RESISTOR)	
Maximum Power Rating Per Packaging	Number of resistors x 0.1 W

AVAILABLE CONFIGURATIONS

RESISTOR NETWORKS

S SERIES

PARALLEL + COMMON ^P

PARALLEL

E INDEPENDENT


ATTENUATORS

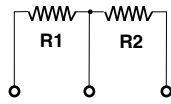
T

U

**O
(BALANCED PI)**

**H
(BALANCED T)**


PACKAGED CONFIGURATIONS

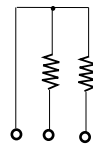
Standard models - consult Vishay Sfernice for special configuration requirements

2 RESISTOR NETWORKS

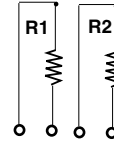
MR32S



MR32P

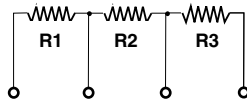


MR42E

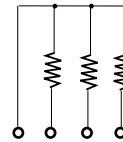


3 RESISTOR NETWORKS

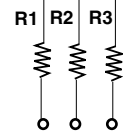
MR43S or U



MR43P

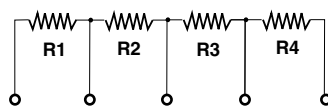


MR33P or T

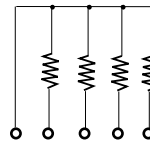


4 RESISTOR NETWORKS

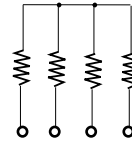
MR54S



MR54P

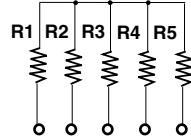


MR44P



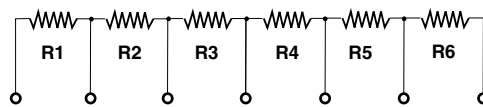
5 RESISTOR NETWORKS

MR55P

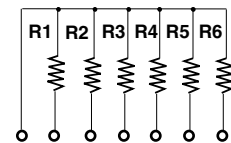


6 RESISTOR NETWORKS

MR76S

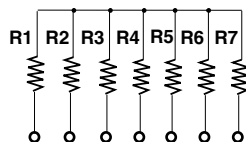


MR76P



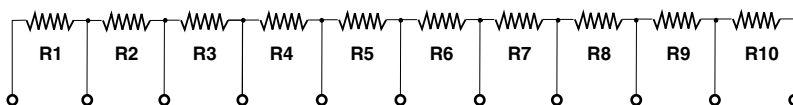
7 RESISTOR NETWORKS

MR77P

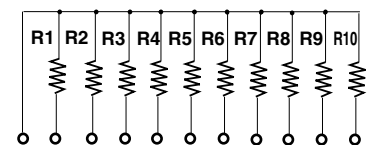


10 RESISTOR NETWORKS

MR1110S

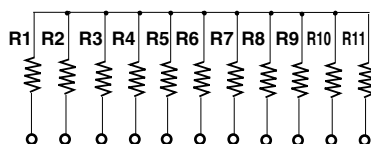


MR1110P



11 RESISTOR NETWORKS

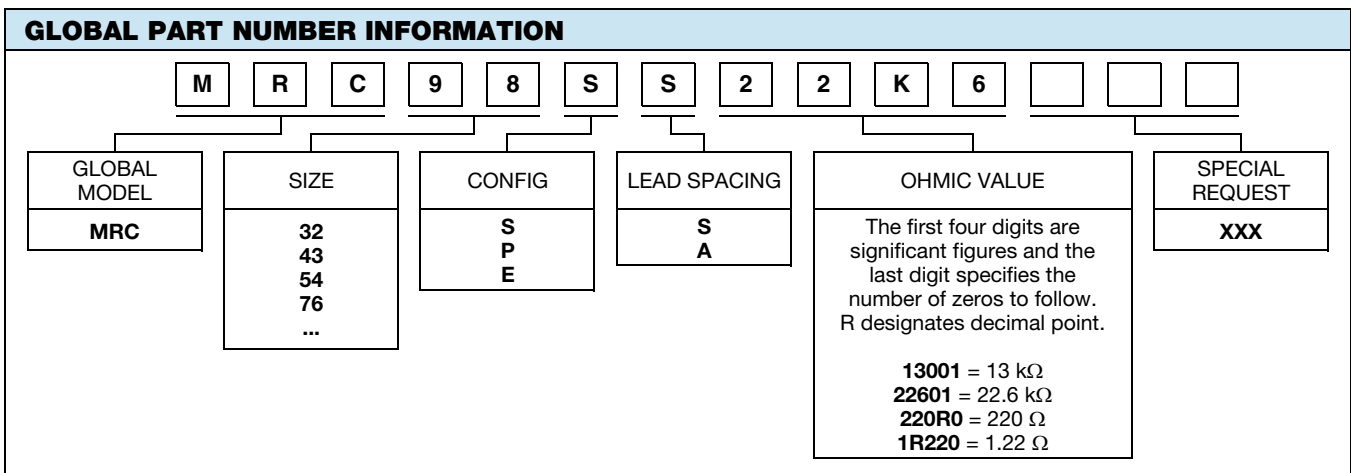
MR1111P





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
RESISTORS NETWORKS							
MRC	98	P	S	500	XXX		
MODEL	SIZE	CONFIGURATION	LEAD SPACING	OHMIC VALUE	SPECIAL REQUEST		





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