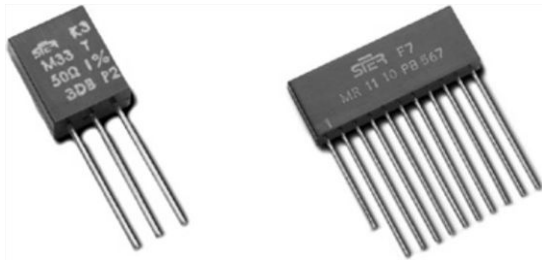
Resistor Networks Metal Film Technology



FEATURES

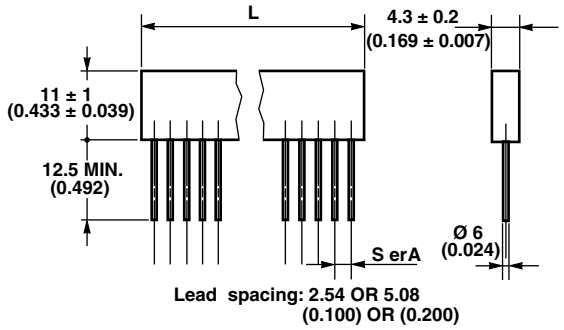
- RCMA 02 metal film
- RCMX 02 metal film
- Temperature range - 55 °C to + 125 °C
- Tolerance and/or temperature coefficient
  Tolerance tracking 0.1 % between two resistors
  TCR tracking 2 ppm/°C between two resistors
- Material categorization: For definitions of compliance please see www.vishay.com/doc?99912

Please consult Vishay Sfernice for special requirements.

Pb-free

RoHS COMPLIANT

DIMENSIONS in millimeters (inches)



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 $P_{70\,°C}$ 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

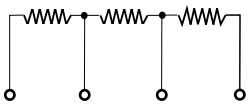
ELECTRICAL SPECIFICATIONS (PER RESISTOR)

Maximum Power Rating Per Packaging	Number of resistors x 0.1 W

AVAILABLE CONFIGURATIONS

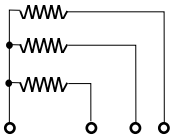
RESISTOR NETWORKS

S SERIES

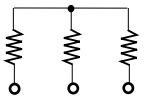


P

PARALLEL + COMMON

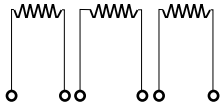


PARALLEL



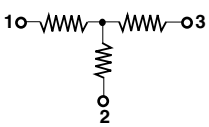
E

INDEPENDENT

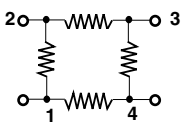


ATTENUATORS

T

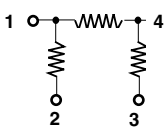


U



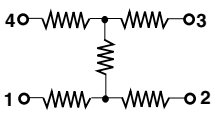
O

(BALANCED Pi)



H

(BALANCED T)

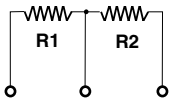


PACKAGED CONFIGURATIONS

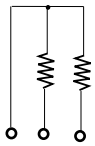
Standard models - consult Vishay Sfernice for special configuration requirements

2 RESISTOR NETWORKS

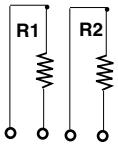
MR32S



MR32P

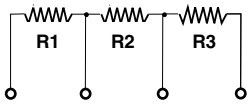


MR42E

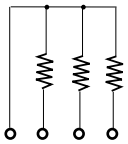


3 RESISTOR NETWORKS

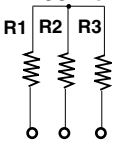
MR43S or U



MR43P

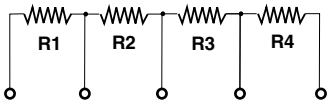


MR33P or T

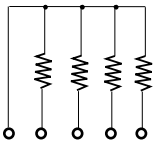


4 RESISTOR NETWORKS

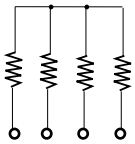
MR54S



MR54P

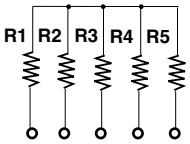


MR44P



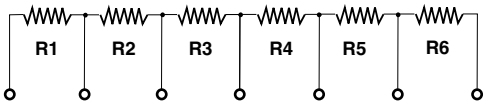
5 RESISTOR NETWORKS

MR55P

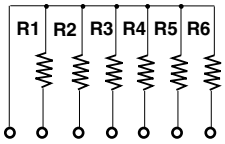


6 RESISTOR NETWORKS

MR76S

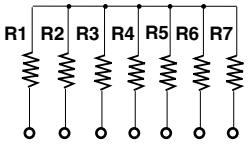


MR76P



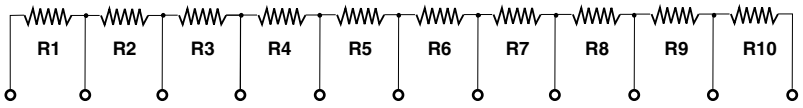
7 RESISTOR NETWORKS

MR77P

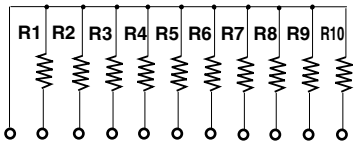


10 RESISTOR NETWORKS

MR1110S

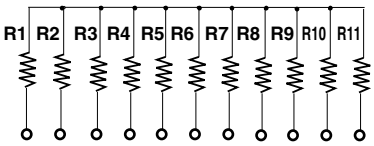


MR1110P



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

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

GLOBAL PART NUMBER INFORMATION

M	R	C	9	8	S	S	2	2	K	6			

GLOBAL MODEL	SIZE	CONFIG	LEAD SPACING	OHMIC VALUE	SPECIAL REQUEST
MRC	**32** **43** **54** **76** **...**	**S** **P** **E**	**S** **A**	The first four digits are significant figures and the last digit specifies the number of zeros to follow. R designates decimal point. **13001** = 13 kΩ **22601** = 22.6 kΩ **220R0** = 220 Ω **1R220** = 1.22 Ω	**XXX**

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