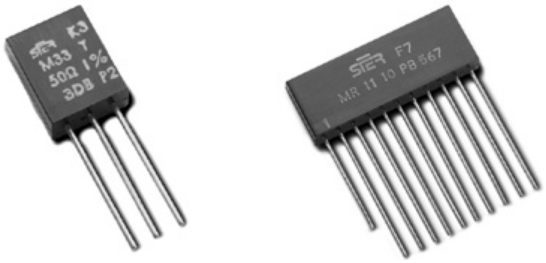
Resistor Networks
Metal Film Technology



FEATURES

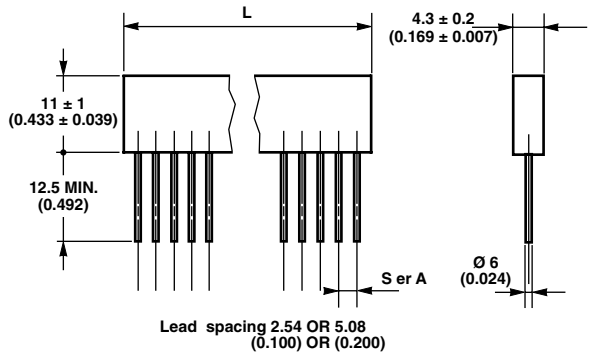
- RCMA 02 (document no. 52009) metal film
- RCMX 02 (document no. 52008) metal film
- Temperature Range - 55 °C/+ 125 °C
- Tolerance and/or Temperature Coefficient
  Tolerance tracking 0.1 % between two resistors
  TCR tracking 2 ppm/°C between two resistors

Please consult Vishay Sfernice for special requirements.

Pb-free

RoHS
COMPLIANT

DIMENSIONS in millimeters (inches)



SERIES AND STYLES	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)	13.6	19.7	on request		

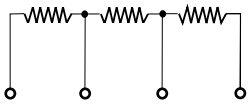
* on request

ELECTRICAL SPECIFICATIONS (per resistor)	
Power Rating at 70 °C	0.1 W
Resistance Tolerances	± 0.1 % to ± 5 %
Ohmic Value Range	0.1 Ω to 10 MΩ
Temperature Coefficient Available	± 5 to ± 50 ppm/°C
Maximum Power Rating Per Packaging	Number of resistors x 0.1 W

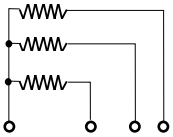
AVAILABLE CONFIGURATIONS

RESISTOR NETWORKS

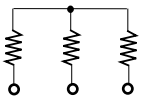
S SERIES



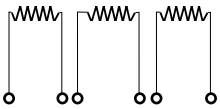
P
PARALLEL + COMMON



PARALLEL

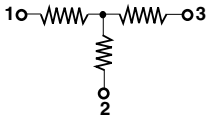


E
INDEPENDENT

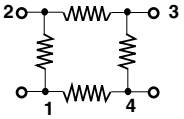


ATTENUATORS

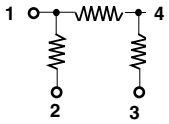
T



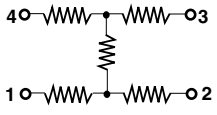
U



O
(BALANCED Pi)



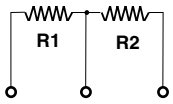
H
(BALANCED T)



PACKAGED CONFIGURATIONS

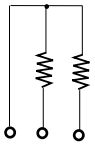
Standard models - Consult Vishay Sfernice for special configuration requirements

2 RESISTOR NETWORKS

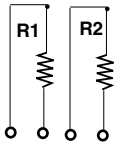


MR32S

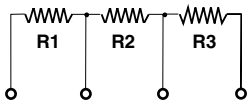
MR32P



MR42E

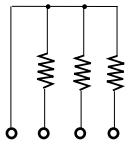


3 RESISTOR NETWORKS

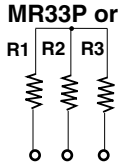


MR43S or U

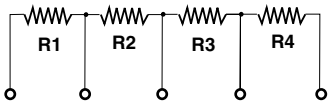
MR43P



MR33P or T

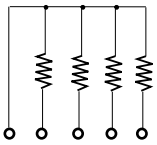


4 RESISTOR NETWORKS

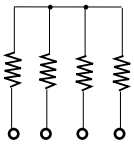


MR54S

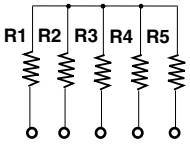
MR54P



MR44P

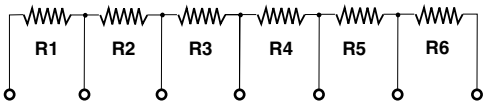


5 RESISTOR NETWORKS



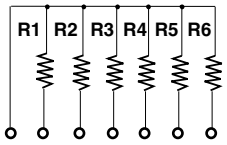
MR55P

6 RESISTOR NETWORKS

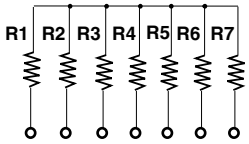


MR76S

MR76P

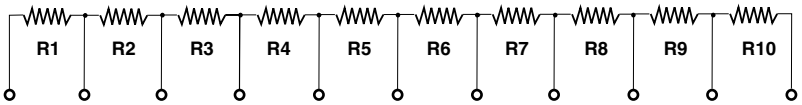


7 RESISTOR NETWORKS



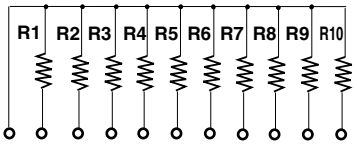
MR77P

10 RESISTOR NETWORKS

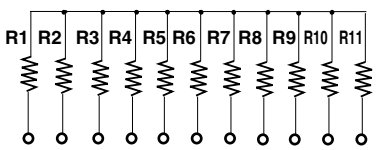


MR1110S

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)					

• Resistor 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	ATTENECTORS	TOLERANCE	TEMPERATURE COEFFICIENT

• Resistor networks

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

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