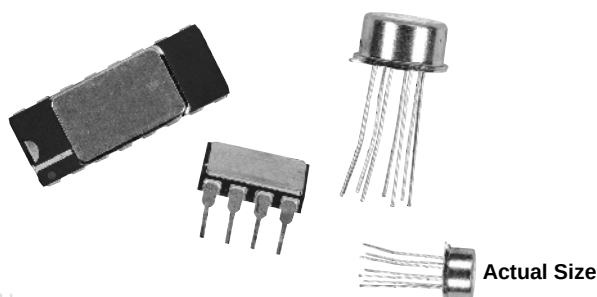


Hermetic, Dual-In-Line or TO Package Resistor Networks



FEATURES

- High Stability: < 300ppm Max., 2000 hrs., Pn + 70°C
- Hermetic Cases: Dual-In-Line and TO99

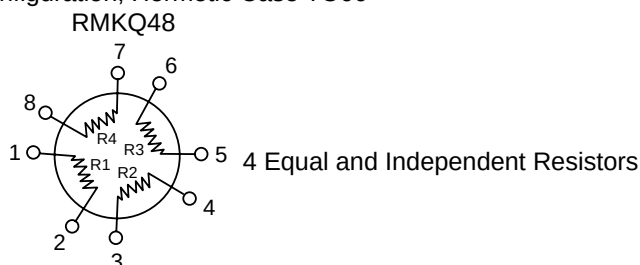
TYPICAL PERFORMANCE

	ABS	TRACKING
TCR	10	1
	ABS	RATIO
TOL	0.05	0.02

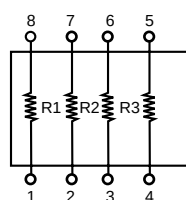
The superstable RMK nickel-chromium integrated networks are available in a range of standard designs which bring a completely new "state-of-the-art" to precision network performance criteria.

Circuit designers can now incorporate into their circuitry the ultimate in today's performance characteristics as "standards", without needing to call out specially engineered designs at premium prices.

SCHEMATIC Standard Configuration, Hermetic Case TO99

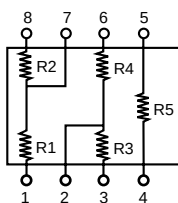


Standard Configuration, 8 Leads Hermetic DIL RMKD 408



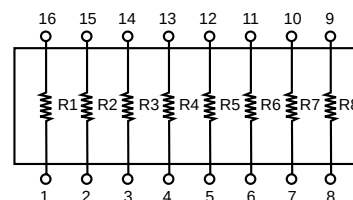
4 Equal and Independent Resistors

RMKD 508



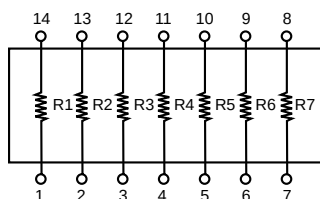
Dual Divider Feedback Network with Equal Value Resistors

Standard Configuration, 16 Leads Hermetic DIL RMKD86



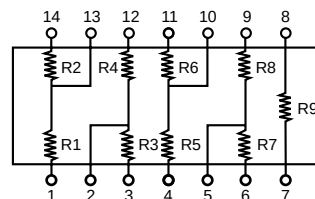
8 Equal and Independent Resistors

Standard Configuration, 14 Leads Hermetic DIL RMKD714



7 Equal and Independent Resistors

RMKD914

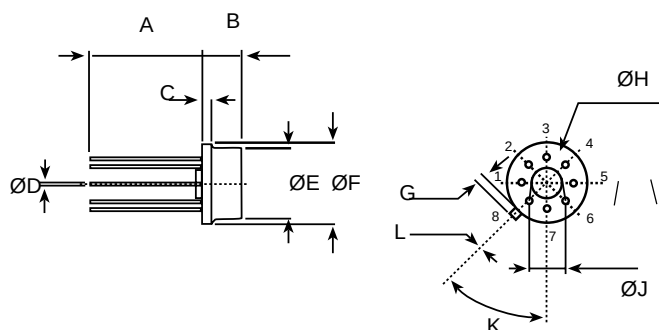


Quad Divider Feedback Network with Equal Value Resistors

**STANDARD ELECTRICAL SPECIFICATIONS**

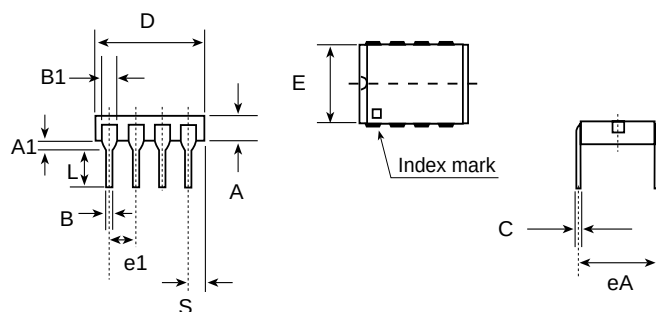
TEST	SPECIFICATIONS						CONDITIONS
CONFIGURATION	RMK Q48, RMK D408, RMK D508, RMK D714, RMK D816, RMK D914						
Resistance Range	500Ω < R < 200KΩ						
TCR:	Tracking	± 1ppm/°C Typical ± 2ppm/°C Max.					- 55°C to + 125°C
	Absolute	± 5ppm/°C typical					0°C to + 70°C
		± 10ppm/°C Max.					- 55°C to + 125°C
Tolerance	Ratio	± 0.05% ± 0.02% ± 0.01%					
	Absolute	± 0.1% ± 0.05% ± 0.05%					
Power Rating:	Package	125mW	250mW	250mW	250mW	250mW	@ + 70°C
Stability (ΔR Ratio)	< 300ppm Max.						2000 hrs., at + 70°C
Working Voltage	100Vcc on R						
Operating Temperature Range	- 55°C to + 125°C						
Storage Temperature Range	- 55°C to + 155°C						
Noise	- 35dB typical						MIL-STD-202, Md. 308
Thermal EMF	< 0.1μV/°C						

RMKQ 48

**DIMENSIONS** in inches and millimeters

DIMENSION	INCHES		MILLIMETERS	
	Min.	Max.	Min.	Max.
A	0.500	—	12.70	—
B	0.164	0.194	4.19	4.95
C	—	0.040	—	1.02
ØD	0.016	0.019	0.41	0.48
ØE	0.315	0.335	8.00	8.51
ØF	0.346	0.370	8.89	9.40
G	0.029	0.043	0.74	1.14
ØH	—	0.229	—	5.84
ØJ	0.137	0.159	3.05	4.06
K	45°		45°	
L	0.027	0.033	0.71	0.86

RMKQ 408 and RMKD 508

**DIMENSIONS** in inches and millimeters

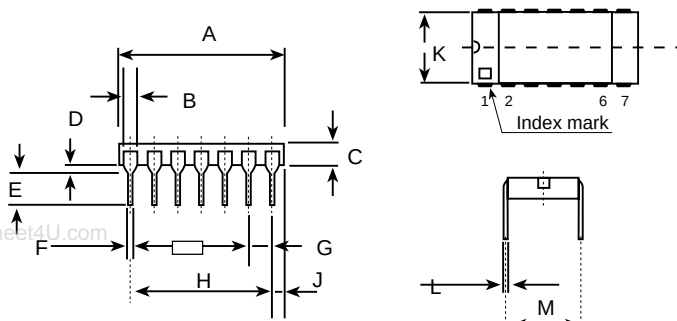
DIMENSION	INCHES	MILLIMETERS
D	0.401	10.2 ± 0.10
B1	0.046	1.19
A1	0.035	0.89 ± 0.25
A	0.086	2.2 ± 0.20
L	0.129 Min.	3.3 Min.
B	0.018	0.46 ± 0.05
e1	0.100	2.54 ± 0.10
S	0.050	1.27 ± 0.50
E	0.290	7.37 ± 0.20
C	0.009	0.25 ± 0.05
eA	0.300	7.62 ± 0.20

RMKD, RMKQ 48

Vishay Thin Film Hermetic, Dual-In-Line or TO Package Resistor Networks



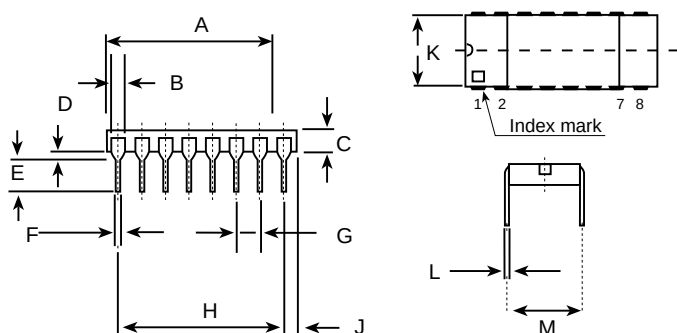
RMKD 714 and RMKD 914



DIMENSIONS in inches and millimeters

DIMENSION	INCHES	MILLIMETERS
A	0.700	17.78 ± 0.20
B	0.046	1.19
C	0.086	2.20 ± 0.20
D	0.035	0.89 ± 0.25
E	0.129	3.30
F	0.018	0.46 ± 0.05
G	0.100	2.54 ± 0.10
H	0.600	15.24 ± 0.10
J	0.050	1.27 ± 0.50
K	0.290	7.37 ± 0.20
L	0.009	0.25 ± 0.05
M	0.300	7.62 ± 0.20

RMKD 816



DIMENSIONS in inches and millimeters

DIMENSION	INCHES	MILLIMETERS
A	0.799	20.30 ± 0.20
B	0.046	1.19
C	0.092	2.35 ± 0.20
D	0.035	0.89 ± 0.25
E	0.129	3.3
F	0.018	0.46 ± 0.05
G	0.011	2.54 ± 0.1
H	0.7	17.78 ± 0.1
J	0.05	1.27 ± 0.5
K	0.29	7.37 ± 0.2
L	0.009	0.25 ± 0.05
M	0.3	7.62 ± 0.2

MECHANICAL SPECIFICATIONS

Resistive Material	Nichrome
Passivation	Mineral Passivation Si ₃ N ₄

How to Order

Series	Style	Number of Resistors	Number of Pins	Ohmic Value	Absolute Tolerance	Tolerance Ratio
RMK	D	7	14	100K Ω	±0.05%	0.02%

Q = Quad
D = Dual

Custom packages available; please consult factory for additional configurations.

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