



ISO9001-2000 CERTIFIED

REV NO: A/0



产品承认书

SPECIFICATION FOR APPROVAL

CUSTOMER : 立创

PRODUCT NAME: 网络排阻 RA 0--2MΩ

RESISTANCE VALUE: 100KΩ ±2%

MONEC P/N: (example) RAA09104GFN

CUSTOMER P/N: _____

ISSUE DATE: 一月 23, 2019

APPROVED	PREPARED

CUSTOMER APPROVAL:

APPROVED	CHECKED

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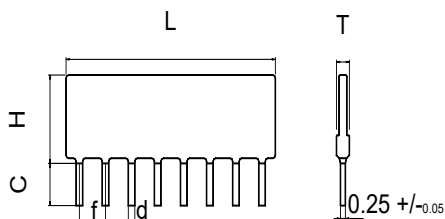
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1. Instruction

This sheet is the statement of the resistor network specification that our company productions can meet.

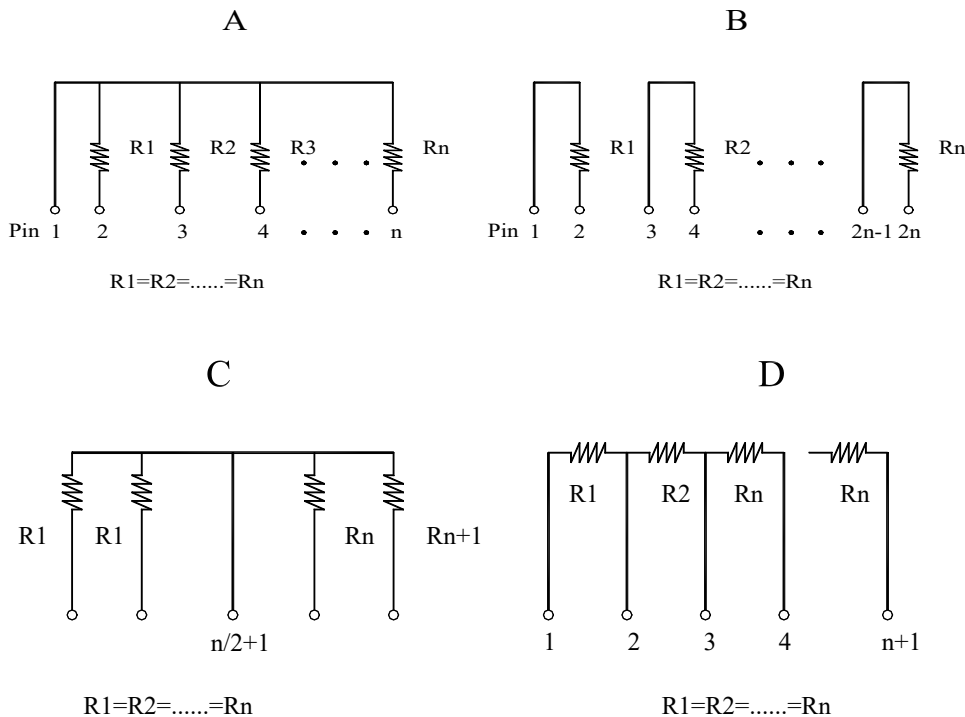
2. Construction & Dimensions

Unit: mm



Style	L (max)	H max		T (max)	C ± 0.60	d ± 0.1	f ± 0.20
		RA	RB				
4 pin	10.2						
5 pin	12.7						
6 pin	15.3						
7 pin	17.8						
8 pin	20.4						
9 pin	22.9	5.80	8.5	2.9	3.3	0.5	2.54
10 pin	25.4						
11 pin	28.0						
12 pin	30.5						
13 pin	33.1						
14 pin	35.6						

3. Circuit diagram



Electrical characteristics

Item	Requirement	Test methods
DC resistance	Within the specified tolerance	Refer to JIS C 5202 item 5.1
Temperature co-efficient (PPM/°C)	$R < 50 \Omega \pm 250 \text{ PPM}/^\circ\text{C}$ $50 \Omega \leq R < 2.2\text{M} \Omega \pm 100 \text{ PPM}/^\circ\text{C}$ $R \geq 2.2\text{M} \Omega \pm 250 \text{ PPM}/^\circ\text{C}$	$\text{TCR (PPM}/^\circ\text{C)} = (R_2 - R_1) / [R_1 \times (T_2 - T_1)]$ T ₁ : 25°C T ₂ : Test temperature 25/-40/125°C R ₁ : Resistance at TEMP. T ₁ R ₂ : Resistance at TEMP. T ₂
Short-time overload	$\Delta R \leq \pm (1\% R_0 + 0.1 \Omega)$	2.5 × Rated voltage for 5 sec. (200Vmax.) measure resistance after 30 minutes

Environment test

Item	Requirement	Test methods
Temperature cycle	$\Delta R \leq \pm (1\% R_0 + 0.1 \Omega)$	Repeat 5 cycles as follows -40°C 室温 125°C 室温 30min 15min 30min 15min
Load life in humidity	$\Delta R < \pm (3\% R_0 + 0.1 \Omega)$	Maintain the temperature of the resistor at $40 \pm 2^\circ\text{C}$ and 90-95% RH with the rated voltage applied for 1000+40/-0 hours. After two hours, measure value.
Load life	$\Delta R < \pm (3\% R_0 + 0.1 \Omega)$	Permanent resistance change after 1000 +40/-0 hours at RCWV of max., keep the resistor at $70 \pm 3^\circ\text{C}$ ambient.

6. Standard Resistance (OHM) E-12 Series

10	12	15	18	22	27	33	39	47	56	68	82
100	120	150	180	220	270	330	390	470	560	680	820
1K	1.2K	1.5K	1.8K	2.2K	2.7K	3.3K	3.9K	4.7K	5.6K	6.8K	8.2K
10K	12K	15K	18K	22K	27K	33K	39K	47K	56K	68K	82K
100K	120K	150K	180K	220K	270K	330K	390K	470K	560K	680K	820K
1M	1.2M	1.5M	1.8M	2.2M							

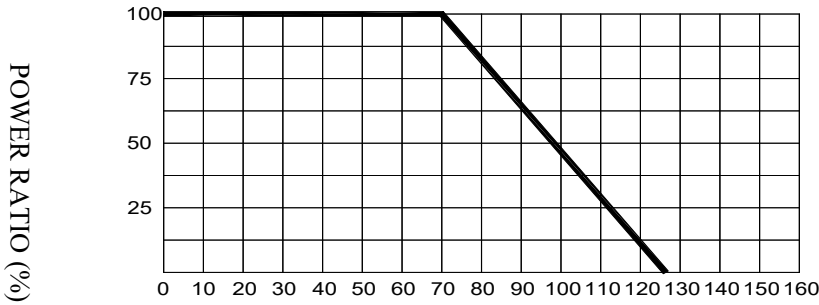
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7. Dual Terminators (R2/R1) (OHM)

240/120 390/330 390/180 470/330
 270/220 3.3K/1.5K 330/220 6.2K/3.0K 4.7K/3.3K

DERATING CURVE



AMBIENT TEMPERATURE(°C)

8. Outgoing inspection sampling plan

1. MIL-STD-105D. Level II, Normal inspection
2. Single sampling
3. AQL:

Defective	CR	MA	MI
AQL	0	0.15	1.0

9. Packaging

Standard packing quantity: 200pcs per bag.