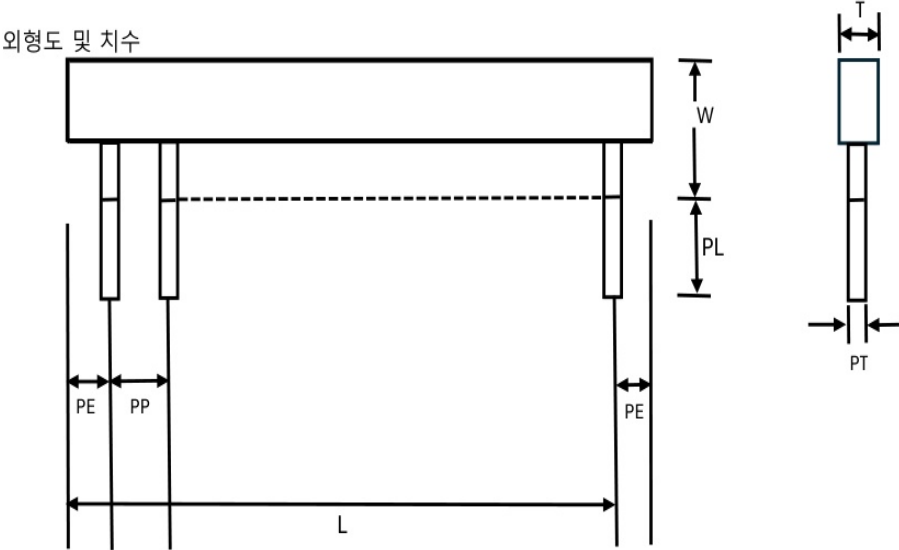


YJRN-34B

34-Pin SIP Resistor Network

TECHNICAL DATA SHEET

1. Appearance & Dimensions



L (MAX)	88.00 mm ± 5%	PP (Pin Pitch)	2.54 mm ± 5%
W (MAX)	8.2 mm ± 5%	PL (Pin Length)	4.5 ± 5%
T (MAX)	3.0 mm ± 5%	PE (MAX)	1.8 mm
PT (Pin Thickness)	0.31 ± 5%	Pin Count	34 Pins

2. Electrical & Mechanical Specifications

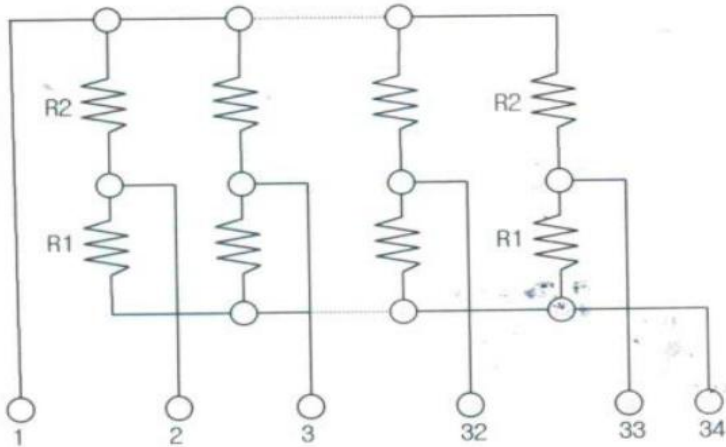
Materials & Finishing	
Coating	Black Phenol or Epoxy
Marking	Clear white or silver ink, not easily erased
Electrical Characteristics	
Resistance R1	330 Ω ± 5%
Resistance R2	470 Ω ± 5%
Dielectric Voltage	No abnormalities when AC 100V is applied for 1 minute.
Operating Temperature	-40°C ~ 85°C
Storage Temperature	-55°C ~ 125°C

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3. Circuit Diagram



Marking: YJRN-34B
R1: 330Ω ± 5%
R2: 470Ω ± 5%
Pin Count: 34 PIN

4. Reliability Test

Test Item	Test Method & Criteria
Temperature Cycling	5 cycles of: -30°C (30 min) ↔ +25°C (10-15 min) ↔ +75°C (30 min) ↔ +25°C (10-15 min). Must satisfy electrical characteristics and appearance requirements.
Thermal Shock	Subject to thermal shock between -30°C (30 min) ↔ +75°C (30 min). Must satisfy electrical characteristics and appearance requirements.
Humidity Test (No Load)	Store for 72 hours at 40±2°C and 90-95% relative humidity. Must satisfy electrical characteristics.
High Temp. Test (No Load)	Store for 72 hours at +75±2°C. Must satisfy electrical characteristics.
Low Temp. Test (No Load)	Store for 72 hours at -57±3°C. Must satisfy electrical characteristics.
Solderability	After applying RMA flux, immerse in a 235±5°C solder bath (Sn60/Pb40) for 2±0.5 sec. Over 90% of the terminal surface must be uniformly coated with new solder.
Resistance to Soldering Heat	Immerse up to 2.5±0.5 mm from the body in a 260±5°C solder bath for 10±1 sec. Must satisfy electrical characteristics (Resistance change rate: within ±(1% + 0.05Ω)).
Terminal Strength (Tensile)	Apply a 1 kg force in the direction of the lead for 10±1 sec. No mechanical damage should occur.
Terminal Strength (Bending)	With a 250g weight attached, bend once to the left and right at 90°. No damage to the terminal lead should occur.
Solvent Resistance	Rub 10 times with a cloth soaked in IPA or Freon-TE. No damage to marking or appearance should occur.

*** Remarks : the reliability test was done by customer requirements in 2005, it is only the customer's application use

Basically the part is developed by industrial specification

The part is custom by specific customer

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5. Packaging Specification

Minimum Packing Unit	50 pieces per plastic bag.
Delivery Packaging	Minimum packing units are placed in a small box for delivery.

Disclaimer: The information in this document is subject to change without notice for product improvement. Final specifications are confirmed through consultation with the supplier.

