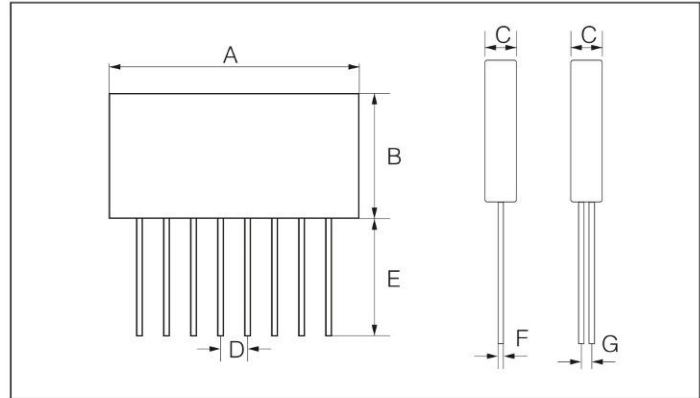


Construction



Characteristics

- High precision
- Low TCR
- Good tracking

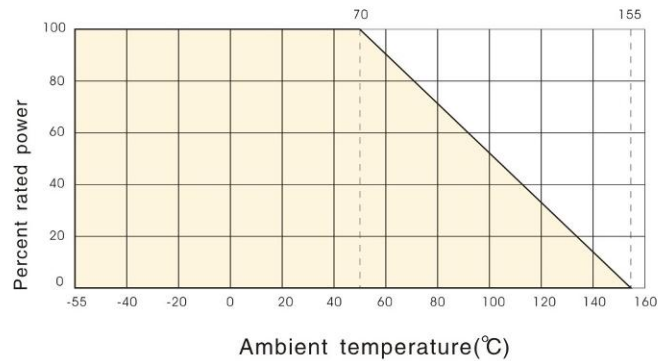
Dimensions (mm)

size	A	B	C±0.5	D	E±2	F±0.05	G
SIL	10~50	9~12	4	≥2.54	10	0.60	
DIL	10~50	9~12	≥6.5	≥2.54	10	0.60	≥2.54

Applications

- Meters and instrument
- Electronic weighing apparatus

Derating Curve



Reference Standards

GB/T5729-2003

Technical Specifications

Type	Power Rating at 70°C	Max Working Voltage (V)	Resistance Range	Absolute Tolerance	Relative Tolerance	TCR (10 ⁻⁶ /K)	Relative TCR (10 ⁻⁶ /K)
SIL	0.125	200	10R~2MΩ	L(±0.01%), P(±0.02%) W(±0.05%), B(±0.1%) D(±0.5%), F(±1.0%)	L(±0.01%), P(±0.02%) W(±0.05%), B(±0.1%)	C7(±5), C6(±10) C5(±15), C4(±20) C3(±25), C2(±50)	C10(±2), C7(±5) C6(±10), C5(±15) C4(±20), C3(±25)
DIL	0.125	200	10R~2MΩ	L(±0.01%), P(±0.02%) W(±0.05%), B(±0.1%) C(±0.25%), D(±0.5%) F(±1.0%)	L(±0.01%), P(±0.02%) W(±0.05%), B(±0.1%)	C7(±5), C6(±10) C5(±15), C4(±20) C3(±25), C2(±50)	C10(±2), C7(±5) C6(±10), C5(±15) C4(±20), C3(±25)

■ Performance

Test Item	Standards	Test Method
Short Time Overload	$\leq \pm(0.1\% R + 0.01 \Omega)$	2.5 times the rated voltage, the maximum voltage does not exceed 2 times the limit voltage, 5s
Temperature Shock	$\leq \pm(0.1\% R + 0.01 \Omega)$	-65°C ~ 155°C, 5 cycles, 0.5h
Dielectric Strength	$\leq \pm(0.1\% R + 0.01 \Omega)$	450V, 1min, 100v/s
Resistance to Solder	$\leq \pm(0.1\% R + 0.01 \Omega)$	260°C, 10s
Load Life	$\leq \pm(0.5\% R + 0.05 \Omega)$	70°C, Pe, 1000h
Vibration	$\leq \pm(0.1\% R + 0.01 \Omega)$	0~500Hz, 0.75mm, 98/s ²

■ How To Order

Example

UPRN	SIL	0.125W	10R	±0.01%	±5(10 ⁻⁶ /K)	Boxes
Type	Style	Power	Nominal Value	Tolerance	TCR	Packaging
UPRN	SIL DIL	0.125W	10R	±0.01% ±0.02% ±0.05% ±0.1% ±0.25% ±0.5% ±1.0%	±5(10 ⁻⁶ /K) ±10(10 ⁻⁶ /K) ±15(10 ⁻⁶ /K) ±20(10 ⁻⁶ /K) ±25(10 ⁻⁶ /K) ±50(10 ⁻⁶ /K)	Boxes

Packaging: Plastic recloseable bags (moq: 20pcs)。

Examples for internal circuit :

