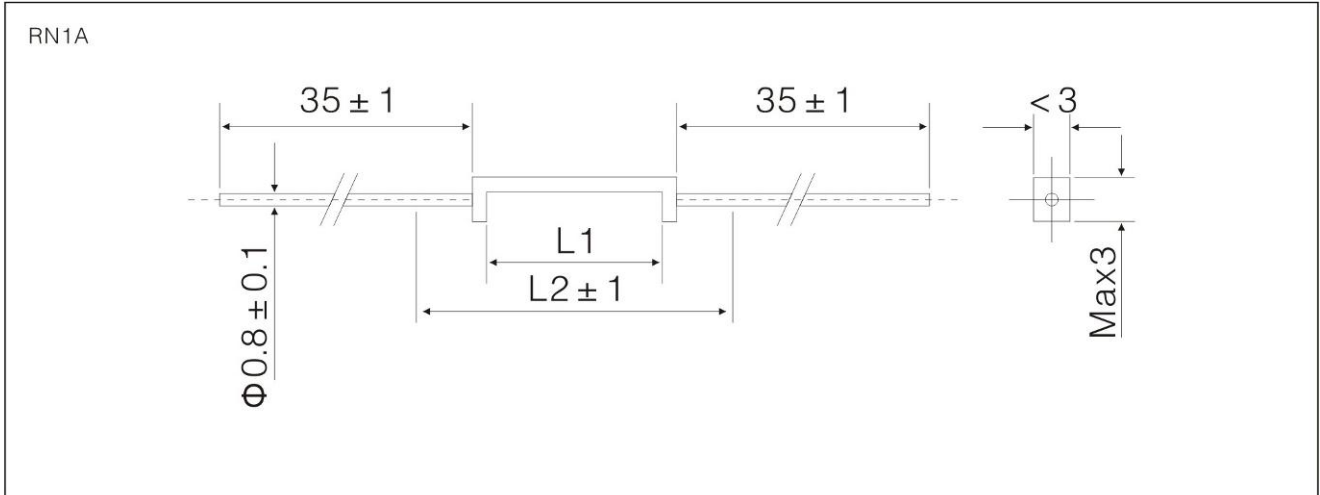


# RN1A precision shunts



## Construction(mm)



## Dimensions(mm)

Type	Power rating	L1	L2
RN1A-1	1W	12~14.5	40
RN1A-2	2W	17.5~21.5	45
RN1A-3	3W	29~34	60

## Performance

Test Item	Specifications	Test Methods
Short-term overload	$\Delta R \leq \pm (1\%R \pm 0.05 \Omega)$	$\sqrt{5PR}$ 5s
Solderability	The solder wets the lead and can flow freely, and the tin area on the lead is more than 95%	235°C ± 5°C, 2s ± 0.5s
Temperature Coefficient	± 100 (10 <sup>-6</sup> /K)	GB/T 5729-2003 Article 4.8
Long-term life	$\Delta R \leq \pm (5\%R \pm 0.1 \Omega)$ Insulation resistance ≥ 1 GΩ	1000h, 1.5h Power on, 0.5h Power off
Maximum Operating Temperature	≤ 70°C	