

Series EVR S300

PCB Power Resistor for easy soldering and mounting. Compatible with SMT manufacturing lines for cost saving installation. Very low weight for good vibration behavior.

Features

- Reflow solderable
- Scalable to customer applications
- Almost no heat impact into PCB
- Additional usable space under the component



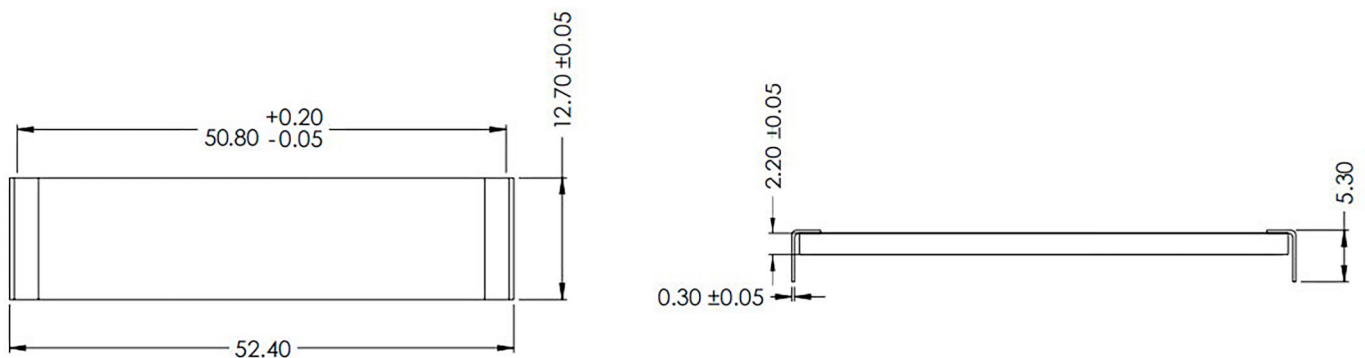
Technical Specifications

Resistance value	0.5 Ω to 1 M Ω
Resistance tolerance	$\pm 0.5\%$ to $\pm 10\%$
Temperature coefficient	± 150 ppm/ $^{\circ}\text{C}$ (referenced to 25 $^{\circ}\text{C}$, ΔR taken at ~ 105 $^{\circ}\text{C}$)
Power rating	15 W at 25 $^{\circ}\text{C}$ Ta (120 s continuous operation)
Operating voltage	1000 V
Operating temperature	- 55 $^{\circ}\text{C}$ to + 200 $^{\circ}\text{C}$
Weight	~ 6 g

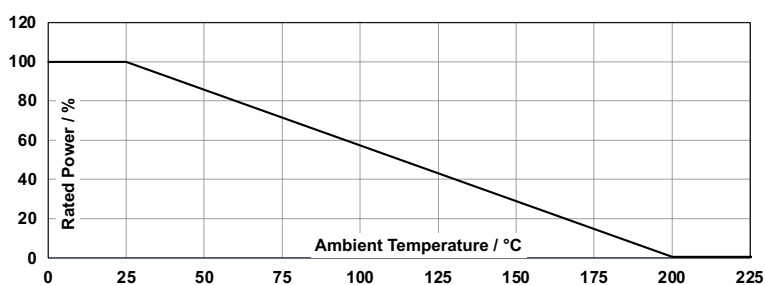
Typical Pulse Load (initial resistor temperatur ≤ 85 $^{\circ}\text{C}$)

160 J for $\tau = 0.1$ s
230 J for $\tau = 0.2$ s
380 J for $\tau = 0.5$ s

Dimensions in mm



Derating Curve





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