



**Inrush current resistor**

**100 Ω / 66 J**

**Features**

- Pb free
- space saving SIL for THT mounting
- low inductivity
- thick-film on Al<sub>2</sub>O<sub>3</sub> ceramic substrate

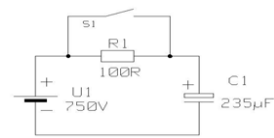
**SIL housing**



**Target Applications**

- inrush current resistor
- high voltage / high power application

**Application Schematic**



T<sub>a</sub> = 25 °C, unless otherwise specified

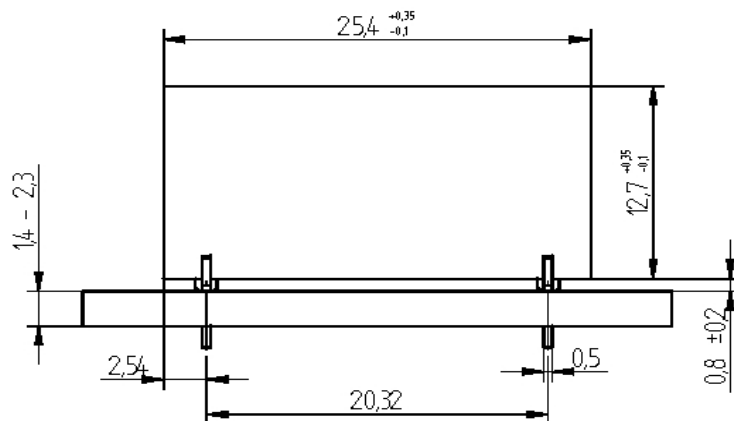
**Specification**

Parameter	Symbol	Condition	Value	Unit
Resistance	R		100	Ω
Tolerance	tol		±25	%
Energy	E		66	J
Power	P		4	W

**Qualification**

Test Item	Test Conditions	Standard
High Temperature (HT)	T = 125 °C t = 1000 h	MIL-STD-883E Method 1005
Temperature Humidity Bias (THB)	T = 80 °C RH = 85 % t = 1000 h	DIN EN 60749 Kap. 3-4B
Temperature Cycle (TC)	100 cycles (1cyc. 30 min) -40...+85 °C	DIN EN 60068-2-67

**Mechanical Dimension [mm]**





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