

### Thin-film resistor of general purpose R2-33N

**R2-33N** – resistor of general purpose of all climatic execution for manual and automated assembly of instrumentation. The resistor is made for circuits with direct, alternating and pulse current.

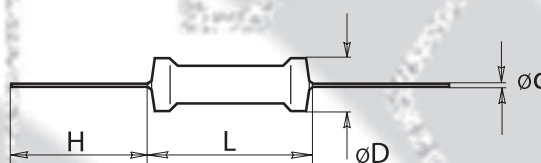
#### Main technical characteristics

Type	Power rating, W	Resistance range, Ohm	Ultimate working voltage of direct current or peak value of alternating current, V
R2-33N-0.125	0.125	0.1–3.01·10 <sup>6</sup>	200
R2-33N-0.25	0.25	1–5.11·10 <sup>6</sup>	250
R2-33AI-0.25	0.25	1–3.01·10 <sup>6</sup>	250
R2-33N-0.5	0.5	1–5.11·10 <sup>6</sup>	350
R2-33N-1	1.0	1–22·10 <sup>6</sup>	500
R2-33N-2	2.0	1–22·10 <sup>6</sup>	750

\* Resistors R2-33AI-0.25 are intended for manual and automated assembly of instrumentation, have colorful circle marking

- Intermediate values of resistance range correspond to series E 96 for tolerances ±1% and ±2%, and E 24 for tolerances ±5% and ±10%.
- Warranted stability during 25000 hours at the rated electrical load does not exceed ± (5–10) %.
- Tolerance ± (0.5–10) %.
- Working temperature range: from -60 up to +155°C.
- Temperature coefficient of resistance: ±100; 250; 500; 1000 ppm/°C.

#### Dimensions



Power rating, W	Dimensions, mm				Weight, not more, g
	L	D	H	d	
R2-33N-0.125	6.0	2.2	20 ± 3	0.6	0.15
R2-33N-0.25	7.1	3.2			0.25
R2-33AI -0.25	6.6	2.5	25 + 5	0.8	0.22
R2-33N-0.5	10.8	4.0			0.1
R2-33N-1	13.0	6.7			2.0
R2-33N-2	18.0	8.5			5.0