

Aluminium housed wire-wound resistor with extended creep distance

Type RB106 and RB256



Main features

- Nominal power: 150 and 250 W
- Housing provides superior heat conduction
- All connections are spot welded

Technical specifications

Basic specifications

Tolerance

Temperature coefficient

Dielectric strength

Insulation resistance

Creepage distance

According to sheet 5-3-10/11, type RB100 and RB250

Standard: J ($\pm 5\%$), down to F ($\pm 1\%$) on request

From 100 pp/K down to 30 ppm/K from R10 up to Rmax.

5000 V AC

7000 V AC peak

Minimum 10'000 M Ω , dry

Minimum 1'000 M Ω , after moisture test

RB106: > 22 mm

RB256: > 25 mm

Type	Type MIL-R-18546D	Nominal power [W]	Resistance range [Ω]	Max. voltage [V]	Weight [g]	Heat sink dimensions [cm ² x mm]
RB106	RE 77	150	R10 - 100K	1900	500	930 x 3
RB256	RE 80	250	R10 - 120K	2300	900	930 x 3

Type	Dimensions [mm]																
	A	B	C	D	E	F	G	H	J	K	P	Q	R	S	T	V	Z
RB106	57.1	46	71.5	44.5	20	5	69.8	89	139	4.8	-	-	25	9.6	M5	32	12
RB256	63.5	54	76	55.6	25.5	6.3	98.4	114	178	4.8	22.2	76.2	32	7.8	M6	32	16
Tol.	± 0.2	± 0.5	± 0.5	± 0.5	± 0.5	± 0.5	± 0.2	± 0.5	± 2.0	± 0.2	± 0.2	± 0.2	± 0.2	± 0.5	-	-	-

