

Aluminium housed wire-wound resistors with extended creep distance

Type RB25/6 and RB50/6



Main features

- Nominal power: 25 and 50 W
- Housing provides superior heat conduction
- All connections are spot welded

Technical specifications

Basic specifications	According to sheet 5-3-10/11, type RB25 and RB50
Tolerance	Standard: J ($\pm 5\%$), down to F ($\pm 1\%$) on request
Temperature coefficient	From 100 pp/K down to 30 ppm/K from R10 up to Rmax.
Dielectric strength	3000 V AC 4200 V AC peak
Insulation resistance	Minimum 10'000 M Ω , dry Minimum 1'000 M Ω , after moisture test
Creepage distance	RB25/6: > 6.5 mm RB50/6: > 10.0 mm

Type	Type MIL-R-18546D	Nominal power [W]	Resistance range [Ω]	Max. voltage [V]	Weight [g]	Heat sink dimensions [cm ² x mm]
RB25/6	RE 70	25	R01 - 18K	550	13	535 x 1.0
RB50/6	RE 75	50	R01 - 68K	1250	32	930 x 1.5

Type	Dimensions [mm]													
	A	B	C	D	E	F	G	H	J	K	L	M	N	
RB25/6	19.8	14	27.7	14	6.5	2	18.3	24	49	3.2	12.5	8	4	
RB50/6	21.5	16	29.2	16	7	2	39.7	46	75	3.2	14.5	10	6.5	
Tol.	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2	± 0.2	± 0.5	± 1.0	± 0.1	± 1.0	± 0.5	± 0.5

