

# Aluminium housed wire-wound resistors with screw-leads (top)

## Type RB50/8



### Main features

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

### Technical specifications

Basic specifications

Tolerance

Temperature coefficient

Dielectric strength

Insulation resistance

Torque

According to sheet 5-3-10/11, type RB50

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.

2500 V AC

3500 V AC peak

Minimum 10'000 M $\Omega$ , dry

Minimum 1'000 M $\Omega$ , after moisture test

Leads: maximum 1.5 Nm (static)

Mounting: maximum 1.5 Nm (static)

Type	Type MIL-R-18546D	Nominal power [W]	Resistance range [ $\Omega$ ]	Max. voltage [V]	Weight [g]	Heat sink dimensions [cm <sup>2</sup> x mm]
RB50/8	RE 75	50	R10 - 68K	1250	52	930 x 1.5

Type	Dimensions [mm]															
	A	B	C	D	F	G	H	J	K	L	M	N	P	Q	R	S
RB50/8	21.5	16	29.2	16	2	39.7	50	79.5	3.2	14.5	M4	8	65	17.5	18.5	16.5
Tol.	$\pm 0.2$	$\pm 0.2$	$\pm 0.2$	$\pm 0.2$	$\pm 0.2$	$\pm 0.2$	$\pm 0.5$	$\pm 2.0$	$\pm 0.1$	$\pm 0.5$	-		$\pm 1.0$	$\pm 0.5$	$\pm 0.5$	$\pm 0.5$

