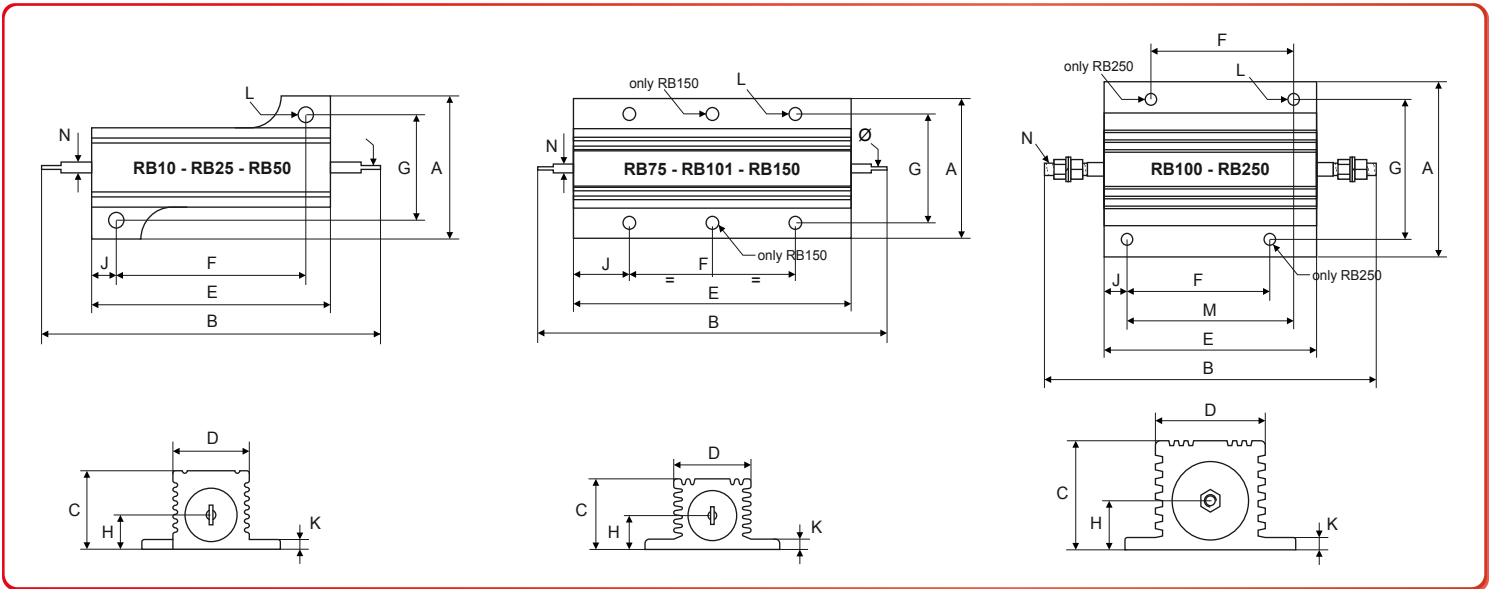
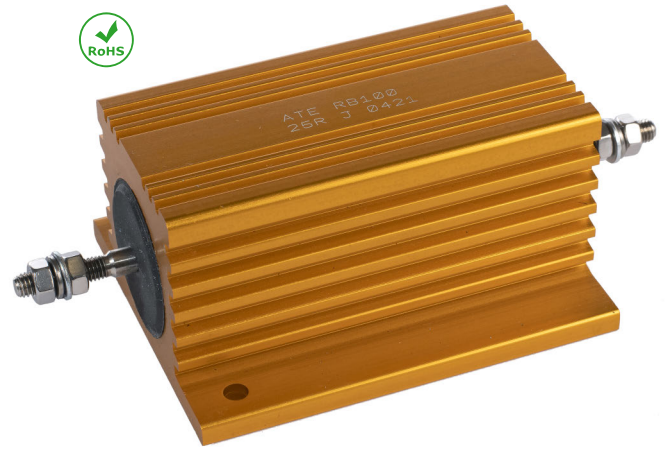
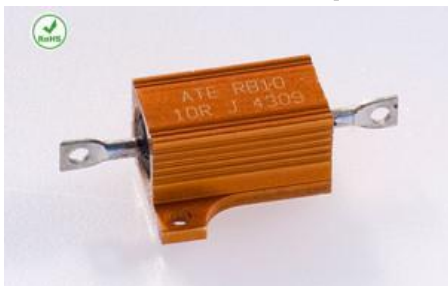


Fixed power wirewound resistors
aluminium housed 10 W to 250 W



ATE Type	Dimensions (mm)													
	A	B	C	D	E	F	G	H	J	K	L	M	N	Ø
RB10	20.4	35	10	11	19	14.3	15.9	5	2.4	2	2.4	-	2	2.2
RB25	27.2	49	14	14	27	18.3	19.8	6.5	4.4	2	3.2	-	2	2.2
RB50	29.2	71	16	16	50	39.7	21.5	7	5.2	2	3.2	-	2	2.2
RB75	47	73	24	27	48	29	37	11.5	9.5	3.5	4.4	-	3	3.2
RB101	47	89	24	27	64	35	37	11.5	14.5	3.5	4.4	-	3	3.2
RB150	47	122	24	27	97	58	37	11.5	19.5	3.5	4.4	-	3	3.2
RB100	71.5	139	44.5	46	89	-	57.1	20	9.6	5	4.8	69.8	M5	-
RB250	76	178	55.6	54	114	76.2	63.5	25.5	7.8	6.3	4.8	98.4	M6	-
Tol.	±0.2	±1	±0.2	±0.2	±0.5	±0.2	±0.2	±0.2	±0.5	±0.2	±0.2	±0.2	±0.2	±0.2

Fixed power wirewound resistors aluminium housed 10W



These resistors meet or exceed the requirements of MIL-PRF-18546 G specifications.

ELECTRICAL SPECIFICATIONS

– Ohmic values

Series E24. For out of range or not standard ohmic values, consult UPE Technical Department.

– Tolerance

Standard 5%. Available on request up to 1%.

– Temperature coefficient

±30 ppm R > 20 Ohm
±50 ppm 1 Ohm < R < 20 Ohm
±100 ppm 0.1 Ohm < R < 1 Ohm

– Dielectric strength

1500 Vac for RB10

– Insulation resistance

10000 MOhm minimum
1000 MOhm after moisture test

– Overload

5s at 5 times rated power

– Non inductive

Models of equivalent physical and electrical specifications are also available with non inductive Ayrton-Perry winding

MECHANICAL SPECIFICATIONS

– Terminal strength

10 lb. pull test; 3 Nm x RB100 and 4 Nm x RB250 max torque

– Solderability

Satisfactory when tested in accordance with method 208 of MIL-STD-202. The use of high temperature solder is recommended when resistors work near the maximum specified ratings

MATERIALS

– Core

Ceramic steatite or alumina centerless ground

– Resistive Element

Copper-nickel alloy or nickel-chrome alloy with specific temperature coefficient

– End caps

Stainless steel

– Encapsulant

High temperature thermosetting compound

– Housing

Aluminium with hard anodic finish

– Standard terminals

Copperweld

DERATING

ATE RB resistors have an operative temperature range from -55°C to +250°C

Derating is required for reduced chassis area and for high ambient temperature