

### FIXED POWER WIREWOUND RESISTORS ALUMINIUM HOUSED WITH LARGE CREEP DISTANCE

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

#### ELECTRICAL SPECIFICATIONS

- Ohmic values

E24 Series. For out of range or not standard ohmic values, consult  
ATE Technical Dept.

- Tolerance

Standard 5%. Available on request up to 1%

- Temperature coefficient

From  $\pm 100$  to  $\pm 30$  ppm from R10 to Rmax

- Dielectric strength

5000Vac / 7000Vac peak

- Large creep distance

RB106 > 22mm

RB256 > 25 mm

- Insulation resistance

10000 M $\Omega$  minimum

1000 M $\Omega$  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

More technical data as RB100 and RB250 standard



ATE Type	MIL-PRF 18546 G Type	Rated power (W)	Resistance Range ( $\Omega$ )	Voltage limit (V)	Weight (g)	Heatsink dimensions (cm <sup>2</sup> x mm)
RB106	RE77	150	0.1 - 100K	1900	500	930 x 3
RB256	RE80	250	0.1 - 120K	2300	900	930 x 3

ATE 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.	$\pm 0.2$	$\pm 0.5$	$\pm 0.5$	$\pm 0.5$	$\pm 0.5$	$\pm 0.5$	$\pm 0.2$	$\pm 0.5$	$\pm 2$	$\pm 0.2$	$\pm 0.2$	$\pm 0.2$	$\pm 0.2$	$\pm 0.5$	-	-	-

