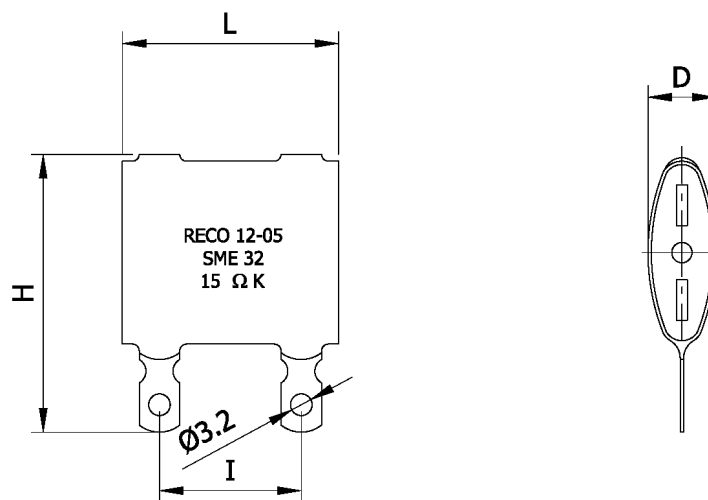




ELLIPTICAL ENAMELLED WIREWOUND RESISTORS MODEL SME

TECHNICAL DESIGN



TYPE	Pn W	RESISTANCE – Ω-		DIMENSIONS			
		Min	Max	D	L	H	I
SME 8 x 32	20	1R	5K6	8	32	30	21
SME 8 x 51	30	1R5	12K	8	51	30	40
SME 8 x 90	50	2R7	22K	8	90	30	79
SME 8 x 120	65	3R9	39K	8	120	30	109
SME 8 x 153	90	4R7	56K	8	153	30	142

THE OHMIC VALUE SHOWN (MIN – MAX) ARE INTENDED AS TOTAL RESISTANCE OF WINDING

GENERAL FEATURES

These resistors are easy to assemble and have been designed for limited occupancy of space for mounting in groups. Upon request, they may be supplied with accessories suitable for attachment and grouping. The external protection is secured by a vitreous enamel lining.

The resistive element consists of wire in Ni-Cr alloy or twisted constantan, on an extremely pure ceramic plate..

ELECTRICAL CHARACTERISTICS

- Standard tolerance: $\pm 10\%$
- Temperature coefficient ≤ 100 ppm/ $^{\circ}\text{C}$
- Insulation resistance > 100 Mohm (500 Vdc)
- Max operating temperature: 350°C

MAXIMUM LOAD LIMIT

The nominal power P_n shown in the table refers to resistors placed horizontally and free in naturally circulating air, with an environmental temperature of 25°C .

With forced ventilation the nominal power dissipation capacity of the resistor increases as a function of the air speed.