SUPERES

WIRE WOUND AUDIO RESISTORS

5 & 10 watt

PRODUCT FEATURES

The Superes resistors are the highest quality wire wound audio grade resistors.

They feature a high temperature tolerance and are very resistant to shock.

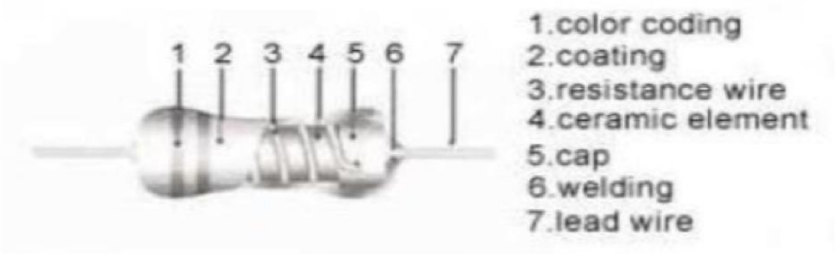
These resistors have always been a staple for high-end audio manufacturers and DIY enthusiasts.

The Superes resistors offer high-end performance, but at an affordable price point.

Available in both 5 watt and 10 watt.

TECHNICAL DATA

- Wire wound high-end audio resistors
- Resistance tolerance: 1%
- Instant overload capacity
- Very high heat dissipation with a small linear temperature coefficient
- Low annual shift
- Flame proof wrapping
- Dimension 5 watt Superes: Ø 6 mm/L 19 mm
- Dimension 10 watt Superes: Ø 8.5 mm/L 53 mm



Superes 1%	Dimension(mm)				Resistance Range(Ω)	Dielectric Withstanding Voltage
	D±1	L±1	H±3	d±0.1		
5W	6.5	19	38	0.8	0.47~33	500V
10W	8.5	53	38	0.8	0.47~33	1000V

TECHNICAL DATA

- Operating temperature range: -55℃～200℃
- Resistance temperature coefficient:

It shall be within ±300ppm/℃.(under 1Ω shell be within ±500ppm/℃)

T.C (ppm/℃) = 〔(R2－R1) ÷R1〕 ×〔1 ÷(T2－T1)〕 ×10^6

where R1: resistance value at reference temperature

R2: resistance value at test temp.

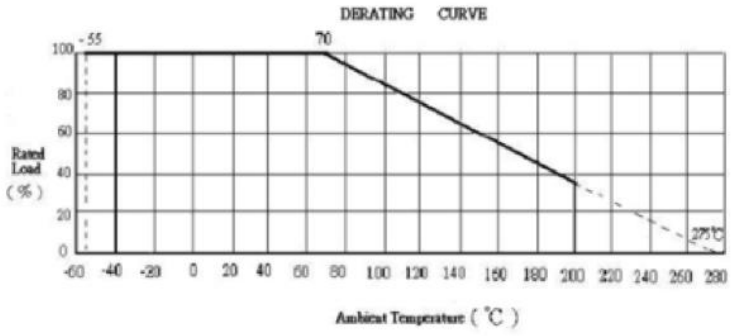
T1: reference temp. (usu. 25℃)

T2: test temp. (about 75℃)

- Temperature cycle:

Following temp. cycles are to be made 5 times and then put at room temp. for one hour, the resistance value change rate between pre-and-post test shall be within ±1%.

Steps	Temperature(℃)	Time (minutes)
1st step	-55±3	30
2nd step	Room temp.	3
3rd step	200±3	30
4th step	Room temp.	3



VALUES

For 5-watt values click **here**

For 10-watt values click **here**