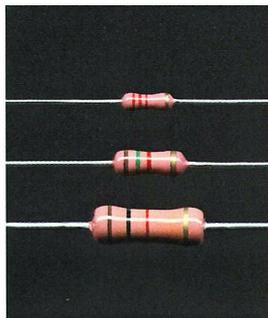


REX

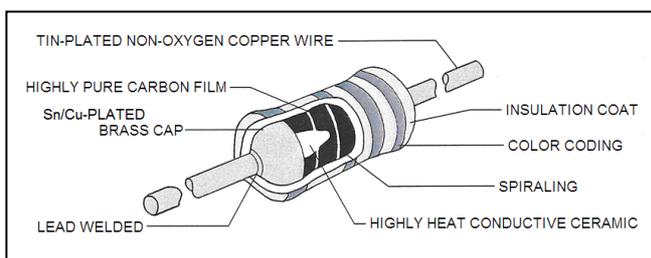
RoHS



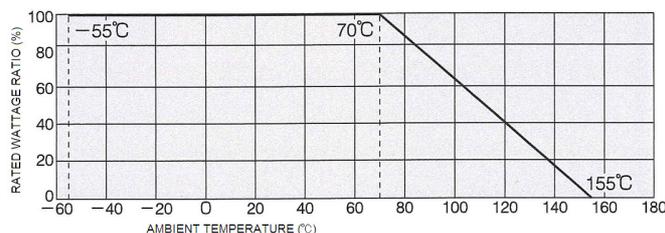
INTRODUCTION

Our REX carbon film resistor for audio equipment "The Pink" is the result of our pursuit for pure and high quality sound. The basic material is highly pure ceramic, the resistor body is highly pure carbon, the cap is made of brass and the lead wire is made of non-oxygen copper. Non-magnetic materials were severely chosen. For the external coat, paint that prevents any adverse effect by vibration is chosen. Spiral trimming to adjust resistance value is made as short as possible in consideration of the influence on the inductance. Moreover, uniquely 1/4W product (REX25) has a directionality which enables to improve performance for audio applications (optional extra).

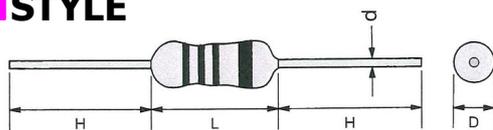
CONSTRUCTION



DERATING CURVE



STYLE



External coating color: Pink

FEATURES

- Low distortion, high quality sound
- Non-magnetic materials used
- Brass caps and non-oxygen copper wire used

APPLICATIONS

- Audio equipment
- Audio-related components

CHARACTERISTICS

Test Items	Specified Values	
Short time overload	±(1%+0.05Ω)	
Dielectric withstand voltage	±(0.5%+0.05Ω)	
Insulation resistance	Over 1000MΩ	
Terminal strength	±(0.25%+0.05Ω)	
Moisture load life	R ≤ 100KΩ: ±3% R > 100KΩ: ±5%	
Load life at 70°C	R ≤ 100KΩ: ±3% R > 100KΩ: ±5%	
Temperature cycling	±(1%+0.05Ω)	
Effect of soldering	±(1%+0.05Ω)	
Vibration resistance	±(1%+0.05Ω)	
Solderability	Over 95%	
Resistance to solvent	No evidence of mechanical damage	
Temp. coefficient	R ≤ 100KΩ	Max -450ppm/°C
	R > 100KΩ	Max -700ppm/°C

TAKMAN
拓万

The corporate name of TAKMAN is created from a combination of two different Japanese Kanji characters "拓" (pioneer, expand) and "万" (myriads, everything) with our strong determination to develop outstanding technology at any cost.

DIMENSIONS & RATINGS

Type	Dimensions (mm)				Power Rating	Max. Working Voltage	Max. Overload Voltage	Dielectric Withstand Voltage	Resistance Tolerance	Resistance Range (Ω)	Standard Resistance
	L	D	d	H±3							
REX25	6.3±0.5	2.3±0.5	0.6	30	1/4W	250V	500V	350V	1%(F)	10~1M	E-24
									2%(G) 5%(J)	2.2~1M	
REX50	9.0±0.5	3.5±0.5	0.7	30	1/2W	350V	700V	500V	1%(F)	10~1M	
									2%(G) 5%(J)	2.2~1M	
REX75	14±1	5.0±0.7	1.0	38	1W	500V	1000V	600V	1%(F)	10~1M	
									2%(G) 5%(J)	2.2~1M	

TYPE DESIGNATION

