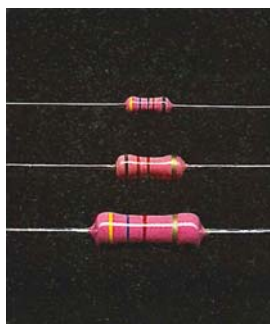


REX

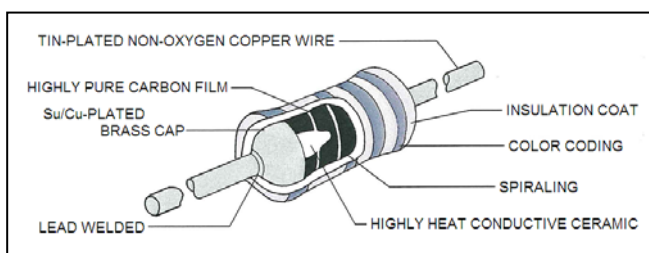
RoHS



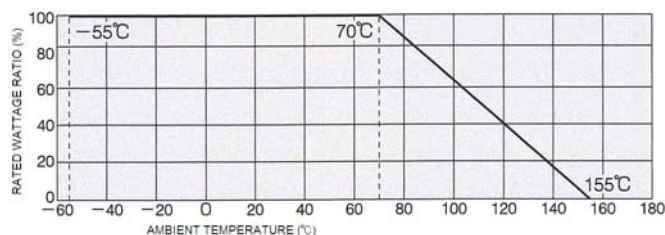
INTRODUCTION

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 directional properties which draw the best performance for audio applications.

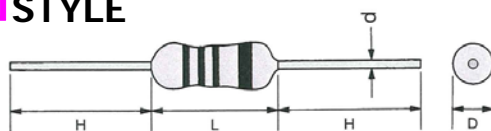
CONSTRUCTION



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

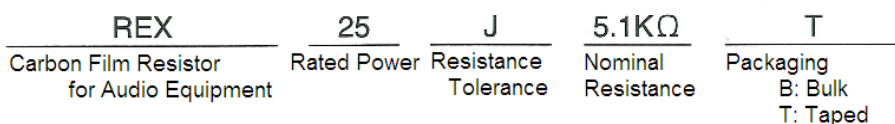
CHARACTERISTICS

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

DIMENSIONS & RATINGS

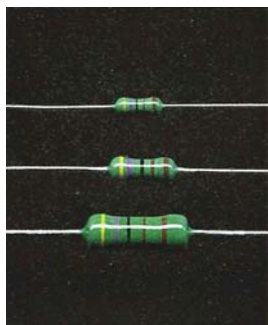
Type	Dimensions (mm)				Power Rating	Max. Working Voltage	Max. Overload Voltage	Dielectric Withstand Voltage	Resistance Tolerance	Resistance Range (Ω)	Standard Resistance
	L	D	d	H \pm 3							
REX25	6.3 \pm 0.5	2.3 \pm 0.5	0.6	30	1/4W	250V	500V	350V	1%(F)	10~1M	E-24
									2%(G) 5%(J)	2.2~1M	
REX50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

TYPE DESIGNATION



REY

RoHS



INTRODUCTION

Our REY metal film resistor for audio equipment has the features that it consists of resistor thin film made mainly of Ni-Cr-Al materials, brass caps and non-oxygen copper wire. High-precision is realized with laser trimming and high stability and high sound quality are achieved with most proper coating. This resistor is usable for any audio components.

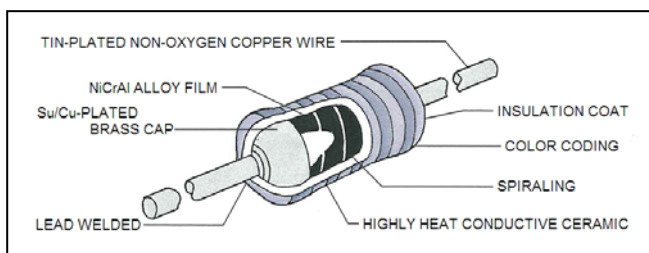
FEATURES

- High quality sound
- Low temperature characteristics
- High reliability
- Precise resistance tolerance

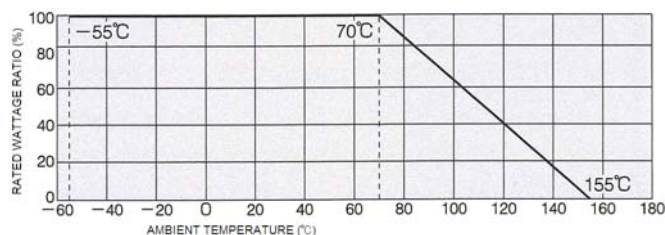
APPLICATIONS

- Audio equipment
- Audio-related components

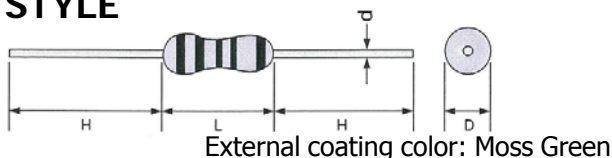
CONSTRUCTION



DERATING CURVE



STYLE



CHARACTERISTICS

Test Items	Specified Values
Short time overload	$\pm(0.5\%+0.05\Omega)$
Dielectric withstand voltage	$\pm(0.5\%+0.05\Omega)$
Insulation resistance	Over 1000M Ω
Terminal strength	$\pm(0.25\%+0.05\Omega)$
Moisture load life	$\pm(1\%+0.05\Omega)$
Load life at 70°C	$\pm(1\%+0.05\Omega)$
Temperature cycling	$\pm(0.5\%+0.05\Omega)$
Effect of soldering	$\pm(0.5\%+0.05\Omega)$
Vibration resistance	$\pm(0.5\%+0.05\Omega)$
Low temperature operation	$\pm(0.5\%+0.05\Omega)$
Current noise	Max 0.3 μ V/V
Solderability	Over 95%
Resistance to solvent	No evidence of mechanical damage

DIMENSIONS & RATINGS

Type	Dimensions (mm)				Power Rating	Max. Working Voltage	Max. Overload Voltage	Dielectric Withstand Voltage	Resistance Tolerance	T.C.R. \pm (ppm/°C)	Res. Range (Ω)	Standard Resistance
	L	D	d	H \pm 3								
REY25	6.3 \pm 0.5	2.3 \pm 0.5	0.6	30	1/4W	250V	500V	350V	0.5%(D) 1%(F)	50(Y) 100(X)	10~1M	E-96
									2%(G) 5%(J)	100(X) 200(V)	1~1M	E-24
REY50	9.0 \pm 0.5	3.5 \pm 0.5	0.7	30	1/2W	350V	700V	500V	0.5%(D) 1%(F)	50(Y) 100(X)	10~1M	E-96
									2%(G) 5%(J)	100(X) 200(V)	1~1M	E-24
REY75	14 \pm 1	5.0 \pm 0.7	1.0	38	1W	500V	1000V	600V	1%(F)	50(Y) 100(X)	10~1M	E-96
									2%(G) 5%(J)	100(X) 200(V)	1~1M	E-24

TYPE DESIGNATION

