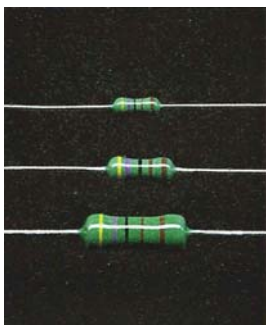


# REY RoHS



## 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.

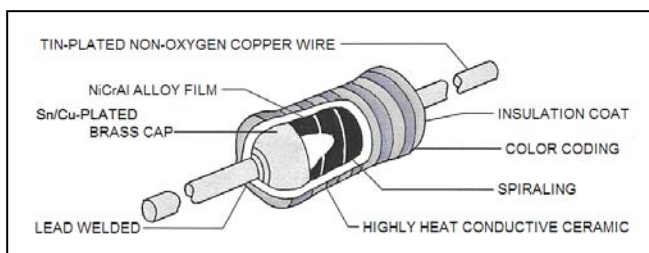
## FEATURES

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

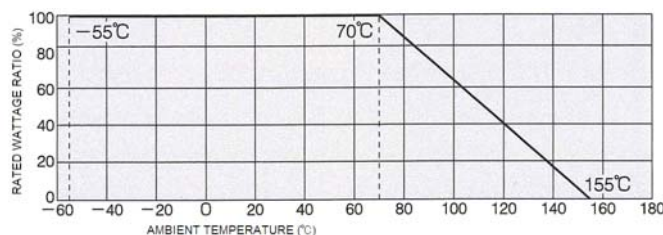
## APPLICATIONS

- Audio equipment
- Audio-related components

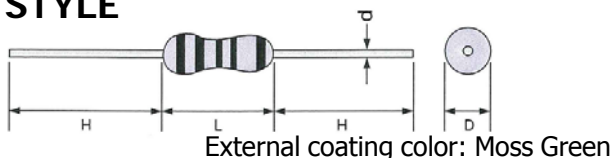
## CONSTRUCTION



## DERATING CURVE



## STYLE



## CHARACTERISTICS

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

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	T.C.R. ±(ppm/°C)	Res. Range (Ω)	Standard Resistance
	L	D	d	H±3								
REY25	6.3±0.5	2.3±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±0.5	3.5±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±1	5.0±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

