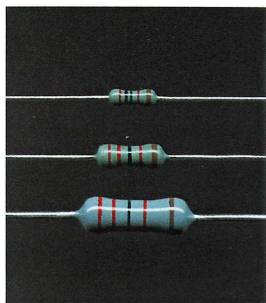


REY II RoHS



INTRODUCTION

Our REY II 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. The second-generation REY II is crafted using carefully selected, higher-grade primary agents to achieve even greater sound quality.

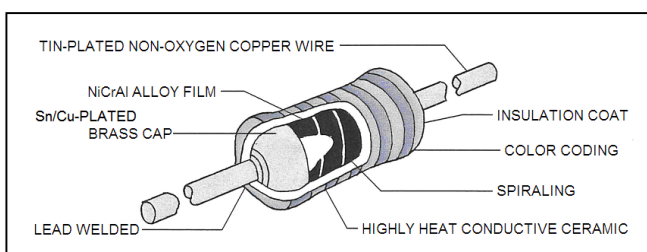
FEATURES

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

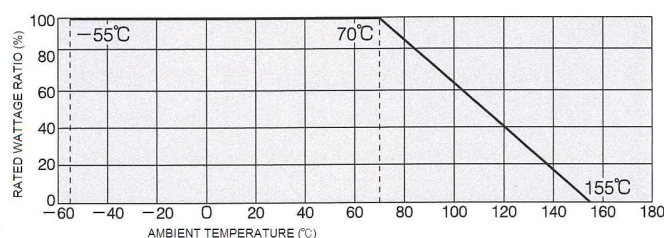
APPLICATIONS

- Audio equipment
- Audio-related components

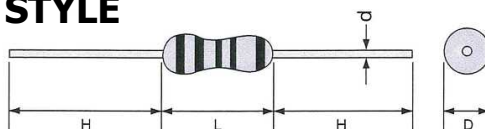
CONSTRUCTION



DERATING CURVE



STYLE



External coating color: Moss Green

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

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. $\pm$ (ppm/°C)	Resistance Range (Ω)	Standard Resistance
	L	D	d	H $\pm$ 3								
REY II 25	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)	10~200K	E-96
										100(X)	10~200K	E-96
										100(X)	2.2~200K	E-24
REY II 50	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)	10~200K	E-96
										100(X)	2.2~200K	E-96
										100(X)	2.2~200K	E-24
REY II 75	14 $\pm$ 1	5.0 $\pm$ 0.7	1.0	38	1W	500V	1000V	600V	0.5%(D) 1%(F)	50(Y)	10~200K	E-96
										100(X)	2.2~200K	E-96
										100(X)	2.2~200K	E-24

TYPE DESIGNATION

REY II	50	F	X	100K Ω	T
Metal Film Resistor for Audio Equipment	Rated Power	Resistance Tolerance	T.C.R.	Nominal Resistance	Packaging B: Bulk T: Taped