



# FUSIBLE METAL FILM RESISTOR

## Performance Characteristics

Item	Res. Variation	Characteristics
Temperature Coefficient ( $\pm 100$ PPM Type)		350 $\Omega$ Max
Insulation Resistance		10,000 M $\Omega$ min.
Load Life: 1,000 hrs (70 $^{\circ}$ C on-off cycles)	$\Delta R$	$\pm 5\% + 0.05\Omega$ max.
Temperature Cycling (-30 $^{\circ}$ C ~ +85 $^{\circ}$ C 5 cycles)	$\Delta R$	$\pm 1\% + 0.05\Omega$ max.
Short-time Overload (2.5 times of rated voltage 5 sec.)	$\Delta R$	$\pm 2\% + 0.05\Omega$ max.
Moisture Resistance (10 cycles per MIL-STD-202 method 106)	$\Delta R$	$\pm 5\% + 0.05\Omega$ max.
Resistance to Soldering Heat (350 $^{\circ}$ C 3 sec.)	$\Delta R$	$\pm 1\% + 0.05\Omega$ max.
Shock and Vibration	$\Delta R$	$\pm 1\% + 0.05\Omega$ max.

## Power vs. Fusing Time

Wattage	Fusing Time Max.
16 times of the rated power	1 minute
20 times of the rated power	40 seconds
24 times of the rated power	30 seconds
28 times of the rated power	20 seconds
32 times of the rated power	15 seconds

- Note: 1. The variable resistance after applied voltage in excess 100 times will be open.  
 2. Operating Temperature range is -30 $^{\circ}$ C ~ 155 $^{\circ}$ C.

## FUSING CHARACTERISTICS

