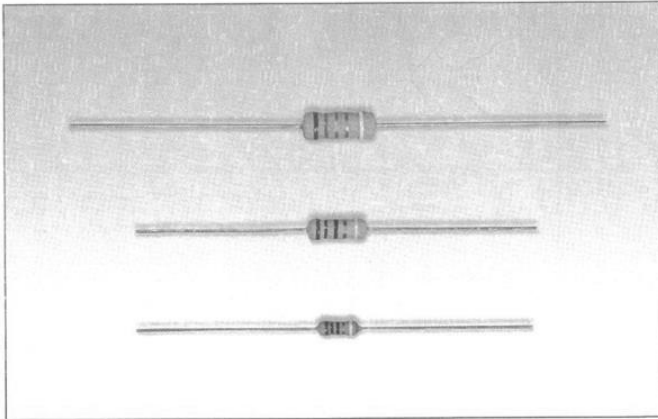


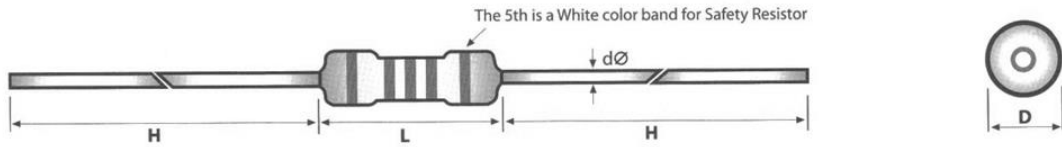


Metal Fusible Resistors



FEATURES:

- ❑ It is suitable for protecting circuit boards and design.
- ❑ Small in size with competitive price.
- ❑ Noncombustible insulating coat, 'Freon' Proof on resistant to high temperature.
- ❑ Low temperature coefficient, (under $\pm 200\text{PPM}/^\circ\text{C}$).
- ❑ Uniform in fusing time.
- ❑ Variety of packaging-bulk, tape on reel, cut and formed and radial tape/panasert.
- ❑ Lead free and RoHS compliant part.



FUSIBLE METAL FILM RESISTORS (Unit : mm)

TYPE FSR	FINISHED DIMENSION (MM)				RATED POWER	MAX WORKING VOLTAGE	MAX OVERLOAD VOLTAGE	RES. VALUES RANGES	
	D \pm 0.5	L \pm 0.5	H \pm 1.00	d \pm 0.05				\pm 2%	\pm 5%
1/6W (1/8W)	1.90	3.50	28.00	0.45	1/6W (1/8W)	200V	350V	4.7R - 560R	0.47R - 560R
1/4WS	1.90	3.50	28.00	0.45	1/4W	200V	350V	4.7R - 560R	0.47R - 560R
1/2WS	2.30	6.20	27.00	0.55	1/2W	250V	500V	4.7R - 560R	0.47R - 560R
1WS	3.20	9.10	27.00	0.78	1W	350V	600V	4.7R - 560R	0.47R - 560R
2WS	4.20	11.20	34.00	0.78	2W	350V	600V	4.7R - 560R	0.47R - 560R
3WS	5.00	15.20	33.80	0.78	3W	500V	600V	4.7R - 560R	0.47R - 560R



TECH-MEN ELECTRONICS COMPONENTS

Supply * Sub Assemblies * Taping/ Forming Components
Co. Reg. No: 45730100K

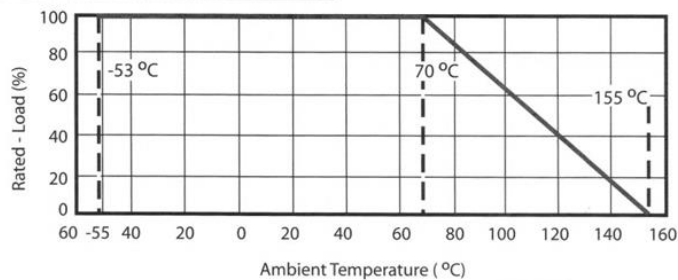
ELECTRICAL PERFORMANCE

TEST ITEMS	CONDITION	SPEC.
Operating Temp.	-55 °C ~ +155 °C	
Resistance Temp. Coeff.	Room temp. +100 °C	± 200PPM/ °C
Short Time Over Load	2.5 times of rated voltage for 5 Sec.	± 2%
Insulation Resistance	500V megger	1,000MΩ
Temp. Cycle	-30 °C ~ 85 °C for 5 cycles	± 1%
Load Life	25 °C on off cycle 1,000 hrs ± 2hrs	± 5%
Moisture Proof Load Life	40 °C 95% RH on off cycles 1,000hrs	± 5%
Solder Pot	270 °C for 3 Sec.	± 1%
Incombustibility	16 time of rated wattage for 5 min.	non flamed

FUSING CHARACTERISTICS

OHM IC VALUE	MAX. FUSING TIME	MULTIPLE OF RATED POWER
0.1 ~ 1.0Ω	30 sec.	32
1.1 ~ 2.0Ω	30 sec.	25
2.1 ~ 10 Ω	60 sec.	16
10.1Ω and above	60 sec.	12

DERATING CURVE



ORDERING FORMAT

