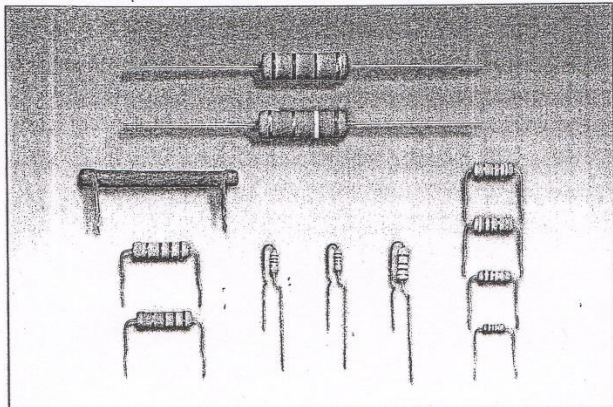




TECH-MEN ELECTRONICS COMPONENTS

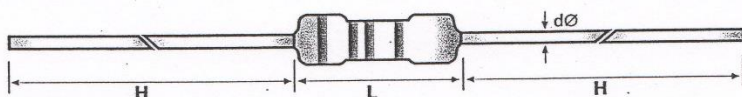
Supply * Sub Assemblies * Taping/ Forming Components
Co. Reg. No: 45730100K

Metal Oxide Resistors



FEATURES:

- ❑ High power-to-size ratio for significant space savings.
- ❑ Electrical characteristic is very stable.
- ❑ Complete flameproof construction.
- ❑ High surge / overload capability.
- ❑ Coating and marking resist Freon, Trichlorethyne and other cleaning agents.
- ❑ Meet performance requirement of JIS C-6409, MIL-R-22684B.
- ❑ Variety of packaging-bulk, tape on reel, cut and formed and radial tape/panasert.
- ❑ Lead free and RoHS compliant part.



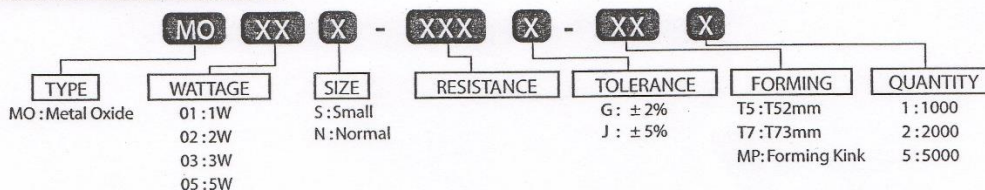
METAL OXIDE FILM RESISTORS

TYPE MOR	FINISHED DIMENSION (MM)				RATED POWER	MAX WORKING VOLTAGE	MAX OVERLOAD VOLTAGE	RES. VALUES RANGES	
	D ± 0.5	L ± 0.5	H ± 2.00	d ± 0.05				± 2%	± 5%
1W	4.20	11.20	34	0.78	1W	350V	700V	0.1R - 100K	
2W	5.00	15.20	34	0.78	2W	350V	700V	0.1R - 100K	
3W	6 ± 1.0	17 ± 1.0	34	0.78	3W	500V	700V	0.1R - 100K	
5W	8.5 ± 1.0	24 ± 1.0	38	0.8	5W	500V	1000V	0.1R - 100K	
1WS	3.20	9.10	26	0.78	1WS	350V	600V	0.1R - 100K	
2WS	4.20	11.20	35	0.78	2WS	350V	700V	0.1R - 100K	
3WS	5.00	15.20	34	0.78	3WS	350V	700V	0.1R - 100K	
5WS	8.5 ± 1.0	24 ± 1.0	38	0.8	5WS	500V	1000V	0.1R - 100K	

CHARACTERISTICS

LOAD LIFE	70 °C ON - OFF Cycle 1000 hrs ± 2hrs	± (5% + 0.05 Ω)
MOISTURE RESISTANCE	40 °C 95% RH, ON - OFF Cycle 1000 hrs ± 2hrs	± (5% + 0.05 Ω)
SHORT TIME OVERLOAD	2.5 Times Rated Voltage 5 Sec.	± (1% + 0.05 Ω)
TEMPERATURE CYCLING	-55 °C ~ 85 °C 5 Cycles	± (1% + 0.05 Ω)
INSULATION RESISTANCE	AC 500V 1min.	over 10 ³ M Ω
T.C.R	Room temp. +100 °C	± (300ppm/ °C)
NON FLAMMABILITY	1 ~ 16 Times E = √(P x R), 5 min.	Non Flame
SOLDERING HEAT RESISTANCE	350 °C 3 Sec.	± (1% + 0.05 Ω)
DIELECTRIC WITH STANDING VOLTAGE	500V 60 Sec.	± (0.5% + 0.05 Ω)

ORDERING FORMAT





METAL OXIDE SERIES

MOR50 ½ WATT (9.0 X 3.0 mm)



MOR50(S) ½ WATT (6.5 X 2.3 mm)



MOR100(B) 1 WATT (11.5 X 4.0 mm)



MOR100(S) 1 WATT (9.0 X 3.0 mm)



MOR200(B) 2 WATT (15.5 X 5.0 mm)



MOR200(S) 2 WATT (11.5 X 4.0 mm)



MOR300(S) 3 WATT (15.5 X 5.0 mm)



MOR300(SS) 3 WATT (11.5 X 4.0 mm)



MOR500(S) 5 WATT (25.0 X 9.0 mm)



MOR500(SS) 5 WATT (18.0 X 6.0 mm)



MOR700(S) 7 WATT (25.0 X 9.0 mm)

