

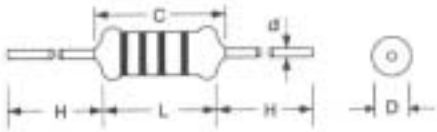
METAL OXIDE FILM RESISTORS

● General Specifications

Type		Power Rating	Max Working Voltage	Max Overload Voltage	Dielectric Withstanding Voltage	Rating Ambient Temp	Resistance Range	Resistance Tolerance
MO-1/2WS	MO-1/2W	0.5W	250V	400V	500V	70°C	0.22Ω-100KΩ	5%,2%
MO-1WS	MO-1W	1W	350V	600V	700V		0.22Ω-100KΩ	
MO-2WS	MO-2W	2W	350V	600V	700V		0.22Ω-120KΩ	
MO-3WS	MO-3W	3W	500V	800V	800V		0.22Ω-150KΩ	
MO-5WS	-	5W	750V	1000V	800V		0.22Ω-150KΩ	

● Dimensions

Type		Dimensions(mm)				
		L±1	C max.	D	d(nominal)	H±3
MO-1/2WS	MO-1/4W	6.5	7	2.3	0.6	26
MO-1WS	MO-1/2W	9	11.1	3.5±0.5	0.7	26
MO-2WS	MO-1W	11.5	14.6	4.5±0.5	0.8	30
MO-3WS	MO-2W	15.5	18	6±1	0.8	28
MO-5WS	MO-3W	24.5	28	9±1	0.8	38



● Characteristics

Requirements		Characteristics	Test Method	
			JIS C 5202	MIL-R-22684B
Operating Temp. Range		-55°C ~ 200°C	-	-
Temp. Coefficient(ppm/°C)		±200	5.2	4.6.11
Max Resistance Changes	Short Time Overload	±(0.5%+0.05Ω)	5.2.A	4.6.5
	Effect of soldering	±(0.5%+0.05Ω)	6.4 350°C, 2sec	4.6.9
	Temp. Cycling	±(0.5%+0.05Ω)	7.4 -55°C/85°C	4.6.3
	Moisture Resistance	±5%	7.9 1,000hr	4.6.10
	Load Life	±5%	7.10 1,000hr	4.6.12
Dielectric Withstanding Voltage		±(0.5%+0.05Ω)	5.7.A	4.6.7
Insulation Resistance		Over 10 ⁴ MΩ	5.6.B	4.6.8
Non-Combustibility		The resistor shall withstand overload test in accordance with Article UL 492.2 13 without producing a fire hazard.		

● Power Rating

Standard Type: 1/4W , 1/2W , 1W , 2W ,3W
Miniature Type: 1/2WS , 1WS , 2WS ,3WS , 5WS