

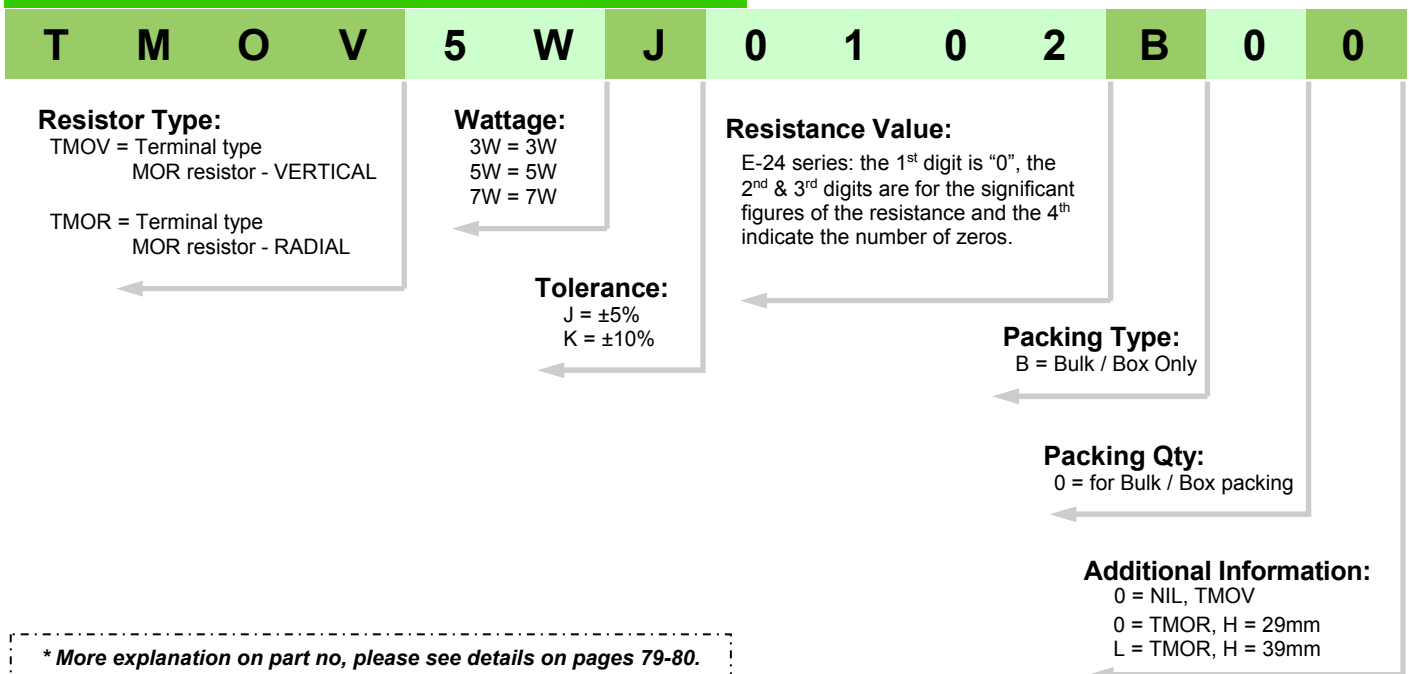
TERMINAL TYPE OF METAL OXIDE FILM FIXED RESISTORS

Features

- High safety standard
- High purity ceramic core
- Excellent non-flame coating
- Meet EIAJ-RC2655A requirements
- Stable performance in diverse environment
- Too low or too high ohmic value can be supplied on a case to case basis



Ordering Procedure: (Ex.: TMOV 5W, +/-5%, 1KΩ, B/B)



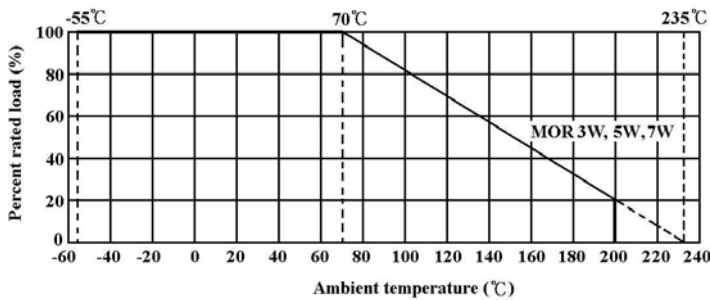
Performance Specifications

Temperature coefficient	< 20Ω: ±400PPM/°C; ≥ 20Ω: ±350PPM/°C
Short-time overload	ΔR/R ±(2.0% + 0.05Ω), with no evidence of mechanical damage.
Dielectric withstanding voltage	No evidence of flashover, mechanical damage, arcing or insulation breakdown.
Pulse overload	ΔR/R ±(5.0% + 0.05Ω), with no evidence of mechanical damage.
Terminal strength	No evidence of mechanical damage.
Resistance to soldering heat	ΔR/R ±(1.0% + 0.05Ω), with no evidence of mechanical damage.
Solderability	Min. 95% coverage
Resistance to solvent	No deterioration of protective coating and marking.
Temperature cycling	ΔR/R ±(2.0% + 0.05Ω), with no evidence of mechanical damage.
Load life in humidity	±(5.0% + 0.05Ω)
Load life	±(5.0% + 0.05Ω)
Non-Flame	No evidence of flaming or arcing.

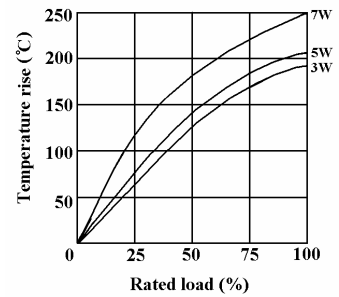
**More details, please see pages 77-78.*

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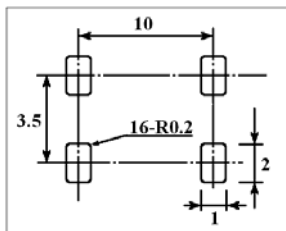
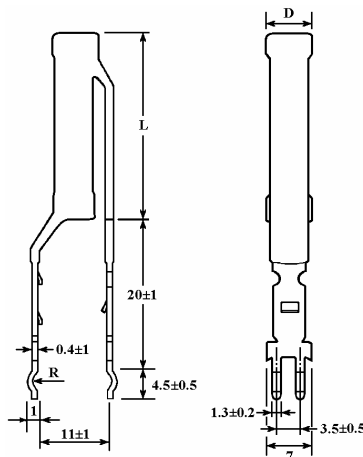
Derating Curve



Heat Rise Chart

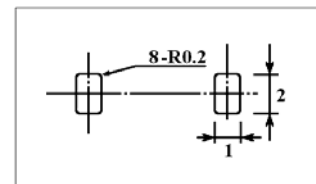
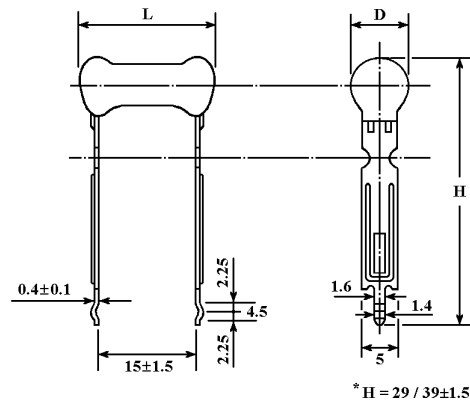


(1) Vertical Type MOR Resistors



* Mounting hole dimensions on P.C.B (Reference)

(2) Radial Type MOR Resistors



* Mounting hole dimensions on P.C.B (Reference)

Part No.	Style	Power Rating at 70°C	Dimension (mm)		Max. Working Voltage	Max. Overload Voltage	Max. Pulse Overload Voltage	Resistance Range	Resistance Tolerance
			D ± 1	L ± 1					
TMOV5W	TMOV-500	5W	7	20	500V	800V	1,500V	≤10Ω	±10%
								10Ω ~10KΩ	±5%
TMOV7W	TMOV-700	7W	7	30	500V	800V	1,500V	≤10Ω	±10%
								10Ω ~10KΩ	±5%
TMOR3W	TMOR-300	3W	6	16	350V	600V	1,000V	≤10Ω	±10%
								10Ω ~10KΩ	±5%
TMOR5W	TMOR-500	5W	7	18	500V	800V	1,500V	≤10Ω	±10%
								10Ω ~10KΩ	±5%