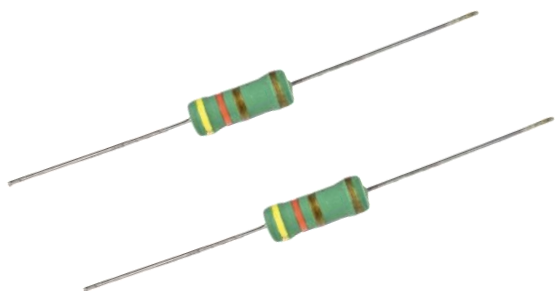


MOR series

Metal Oxide Film Resistors



- General Purpose Power Type Resistors
- Available In Small Size Resistors(MORS)
- Flame Retardant Coating
- Various Types Of Forming Are Available
- High Reliability For Performance

■ SPECIFICATIONS

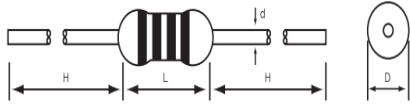
ITME	SPECIFICATION LIMITS
Operating Temperature Range	-55℃ ~ +200℃
Resistance Temperature Coefficient	±350ppm/℃
Short-time overload	± (1%+0.05Ω)
Resistance Soldering Heat	± (1%+0.05Ω)
Temp. Cycling	± (1%+0.05Ω)
Moisture Resistance	± (5%+0.05Ω)
Load Life	± (5%+0.05Ω)

■ RATINGS

TYPE	Power Rating	Max. Working Vol	Max. Overload Vol	Resistance Range	Operating Temp Range	Resistance Tolerance	Rating Ambient Temp
MOR 1/2W	0.5W	250V	400V	1Ω-470KΩ	-55℃ ~+200℃	±1%(F) ±2%(G) ±5%(J)	+70℃
MOR 1W	1W	350V	600V				
MOR 2W	2W	350V	600V				
MORS 1W	1W	350V	600V				
MORS 2W	2W	350V	600V				
MORS 3W	3W	400V	700V				

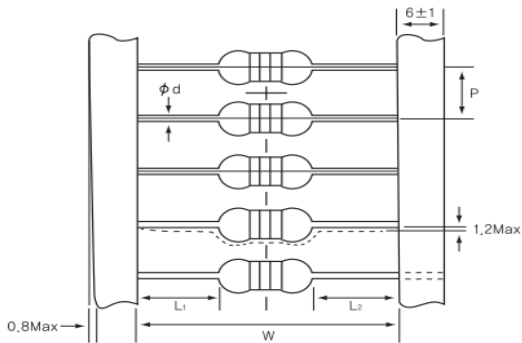
- Consult factory for resistance values of above standard range & tolerance
- Voltage rating is determined by E=P.R, E should not exceed Max. Working Voltage
- For resistance other than the resistance value, please use it after consultation

■ AXIAL DIMENSIONS



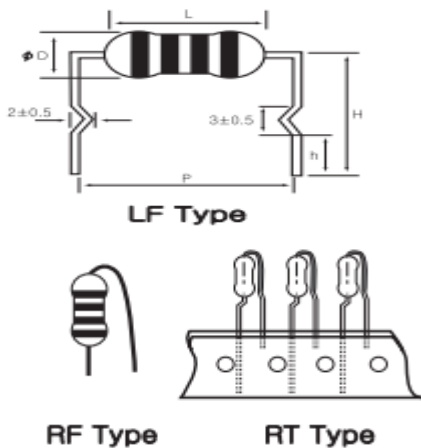
TYPE	Dimensions(mm)			
	L	D	H	d
MOR 1/2W (MORS 1W)	9 ± 0.5	3.0 ± 0.5	26 ± 3.0	0.58
MOR 1W (MORS 2W)	11 ± 1.0	4.0 ± 0.5	26 ± 3.0	0.7
MOR 2W (MORS 3W)	15 ± 1.0	5.5 ± 1.0	26 ± 3.0	0.8

■ TAPING DIMENSIONS



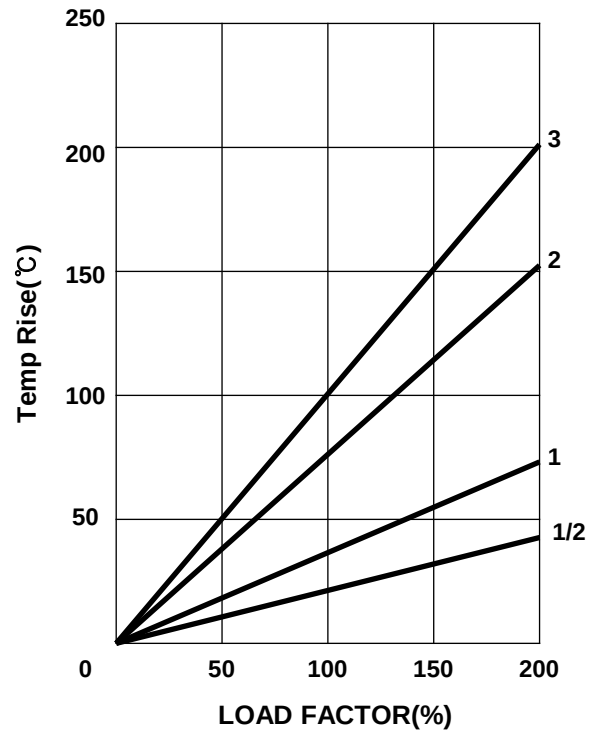
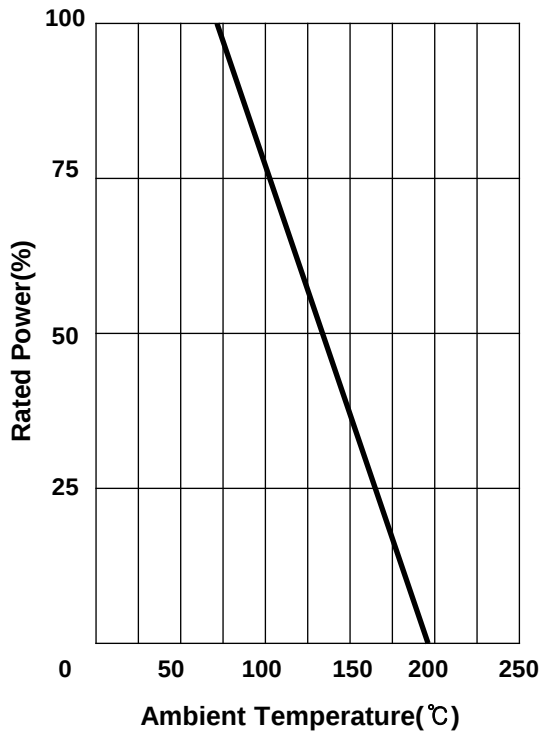
TYPE	Dimensions(mm)		
	W	P	L ₁ -L ₂
MOR 1/2W (MORS 1W)	52 ± 1.0	5 ± 1.0	MAX 1.0
MOR 1W (MORS 2W)	52 ± 1.0	5 ± 1.0	MAX 1.0
MOR 2W (MORS 3W)	64 ± 1.0	10 ± 1.0	MAX 1.0

■ FORMING DIMENSIONS



TYPE	Dimensions(mm)				
	L	D	P	h	H
MOR 1W (MORS 2W)	11 ± 1.0	4.0 ± 1.5	15 ± 1.0	5 ± 1.0	12 ± 1.0
MOR 2W (MORS 3W)	15 ± 1.0	5.5 ± 0.5	20 ± 1.0	6 ± 1.0	15 ± 2.0

■ SURFACE TEMPERATURE INCREASE VERSUS POWER LOAD & DERATING CURVES



■ HOW TO ORDER

MOR/MORS	2W	10KΩ	J	T/F
TYPE	POWER RATING	NOMINAL RESISTANCE	RESISTANCE TOLERANCE	TAPING & FORMING

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