



TMRGA-Gold Aluminum Housed Wirewound Resistor

Feature:

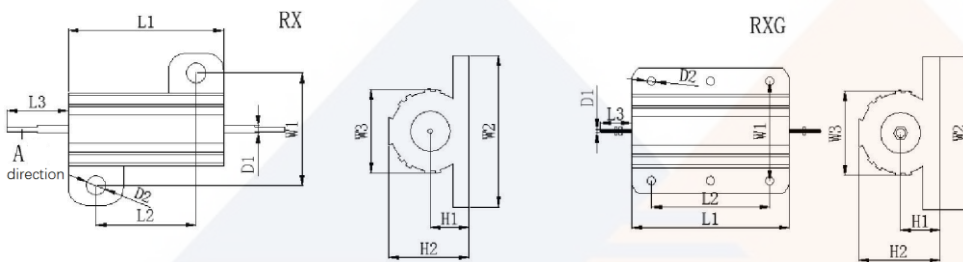
- Perfect insulation
- Full molded structure
- Work in high current, stable characteristics
- Aluminum house, good for heat dissipation

Application In dc or low frequency ac circuits, if used in high frequency circuit, it shall order non-inductive resistor

Part Number:

TMRGA	-	1	2	3	4	5	6	7	8	9	10	11
Produce Code TMRGA: Gold Aluminum Housed Wirewound Resistor	-	Resistance Value Code: Three digits: The first two digits are significant figures and the third one denotes number of zeros. 394=390KΩ Four digits: The first three digits are significant figures and the fourth one denotes number of zeros. 1201=1.2KΩ				Tolerance F=±1% J=±5%	Dimension: 05=5W 10=10W 20=20W 50=50W 101=100W	Packaging T:tape&ree I B:bulk	Terminal: B=Iron cap or screw D=Copper wire	Type: X=RX type G=RXG type		

Dimension(mm):



Type	Rated power at 25°C mounted with heat sink	Dimensions (mm) ±1										Standard heat sink(aluminum)		Weight (g)
		L1	L2	L3	W1	W2	W3	H1	H2	D1	D2	Superficial area (cm²)	Thickne ss (mm)	
RX	5	15.5	11	10	12	16	8.5	4.4	8	1.5	2.2	415	1	3
	10	19.5	14	10	16	21	11	5	10	2	2.5	415		6
	25	28	18	10	20	27	14	6	13.8	2	3.5	535		11
	50	50	40	10	21.4	29	16	6.6	15.5	2	3.5	995		30
RXG	75	66	47	15	37	48	27	11.5	26	*M3	4.4	995	3	90
	100	98	70	15	37	48	27	11.5	26	*M3	4.4	995		160
	150	136	104	15	37	48	27	11.5	26	*M3	4.4	995		240
	200	155	138	15	37	48	27	11.5	26	*M3	4.4	3750		330
	300	128	102	20	58	72	46.5	21	45	*M6	5.5	5780		580
	500	200	174	20	58	72	46.5	21	45	*M6	5.5	8500		970

*M3,*M6 is the screw type

Weight is only for reference

Electrical Characteristics:

Type	Rated power at 25°C (W)		Resistance Range(Ω)	Withstand voltage (V)	T.C.R. PPM/°C
	Mounted with heat sink	Mounted without heat sink			
RX	5	3	0.01~1K	1kv	±250 ±100 ±50
	10	6	0.01~1.5K		
	25	12.5	0.01~10K		
	50	25	0.01~33K		
RXG	75	40	0.01~39K	2kv	
	100	50	0.01~51K		
	150	75	0.01~56K		
	200	100	0.01~62K		
	300	150	0.01~75K		
	500	250	0.01~82K		