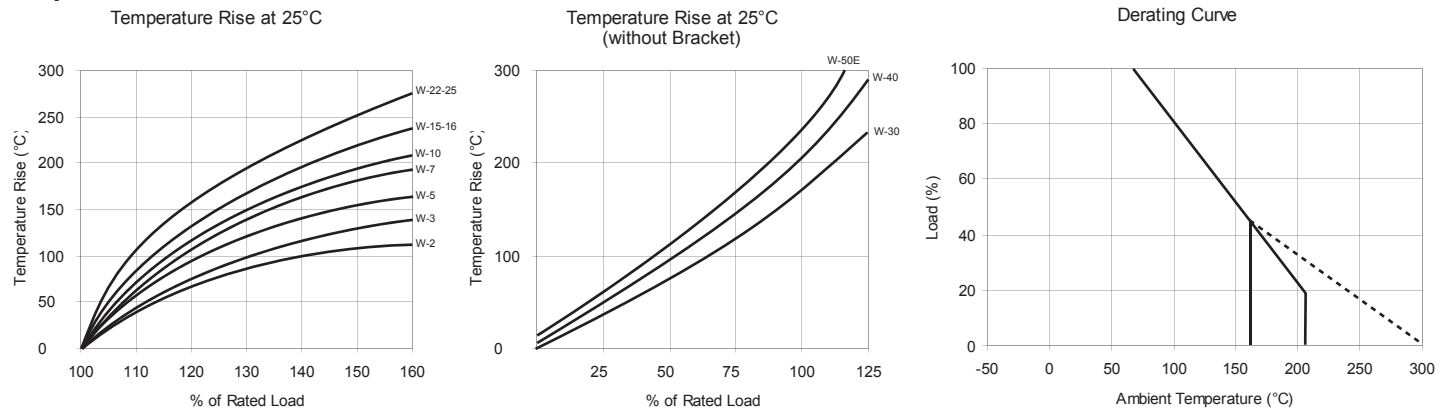


Wirewound Rectangular Resistor

△ Features

- No self-ignition even if current overflows
- Superior heat dissipation; small linear temperature coefficient
- Instant overload capability; low noise, no annual shift on resistance

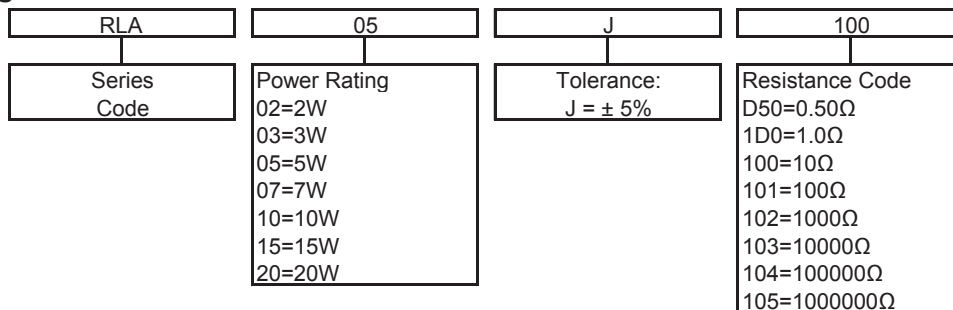
△ Specifications

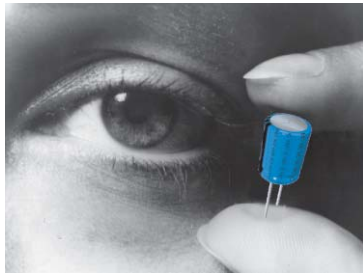


△ Characteristics

Test Items	Condition	Spec.
Operating Temp	-55°C ~ 275°C	
Resistance Temp. Coefficient	-30°C ~ 150°C	±300ppm/°C
Shot Time Overload	2.5 Times of Rated Wattage for 5 Secs.	±2%
Insulation Resistance	500V Megger	1,000MΩ
Temp. Cycle	-30°C ~ 85°C for 5 Cycles	±1%
Load Life	70°C On-Off Cycle, 1000hrs	±5%
Moisture-Proof Load Life	40°C 95% RH On-Off Cycle, 1000hrs	±5%
Solder Pot	270°C for 3 Secs	±1%
Incombustibility	16 Times of Rated Wattage for 5 Min.	Not Flamed

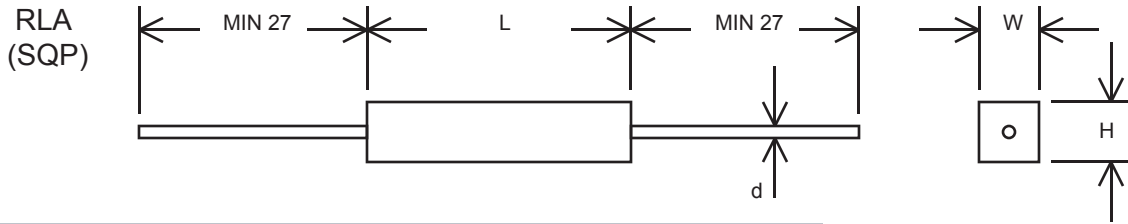
△ Part Numbering





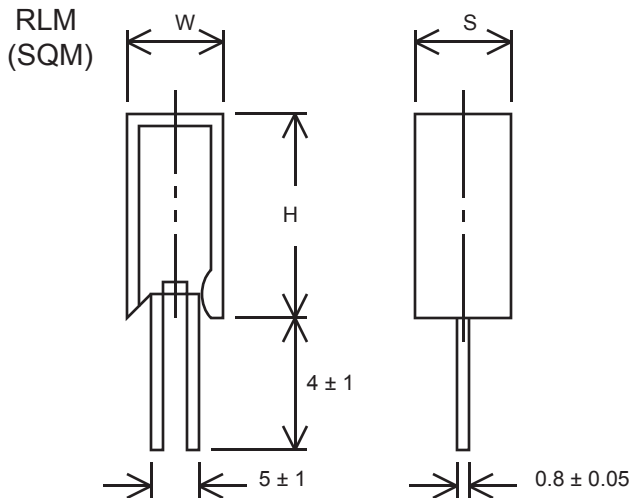
Wirewound Rectangular Resistor

Δ Dimensions



RLA	Dimensions (mm)				Resistance Range (Ω)		Max Working Voltage
	L ± 0.5	W ± 0.5	H ± 0.5	d ± 0.03	RLA	RS+RLA	
2W	18.0	7.0	7.0	0.65	0.1Ω ~ 120Ω	120~20KΩ	15V
3W	22.0	8.0	8.0	0.8	0.1Ω ~ 150Ω	150~33KΩ	350V
5W	22.0	9.5	9.0	0.8	0.1Ω ~ 200Ω	200~50KΩ	350V
7W	35.0	9.5	9.0	0.8	0.1Ω ~ 500Ω	500~50KΩ	500V
10W	48.0	9.5	9.0	0.8	0.1Ω ~ 1KΩ	1K~50KΩ	750V
15W	48.0	12.5	12.0	0.8	0.5Ω ~ 1KΩ	1K~150KΩ	1000V
20W	60.0	14.0	13.5	0.8	0.5Ω ~ 1KΩ	1K~150KΩ	1000V

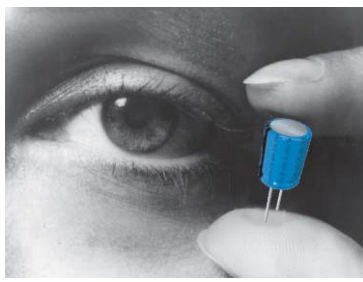
• Note: Non-inductive type up to 15.



TYPE	DIMENSION (mm)			RESISTANCE RANGE (Ω)	
	H ± 1.5	W ± 1	S ± 1	RLM	RS + RLM
2W	20	11	1.7	0.1 - 20 Ω	20 - 47KΩ
3W	25	12	9	0.1 - 50 Ω	50 - 47KΩ
5W	25	13	9	0.1 - 100 Ω	100 - 47KΩ
7W	39	13	9	0.1 - 500 Ω	500 - 47KΩ
10W	51	13	9	0.1 - 1K Ω	1K - 47KΩ

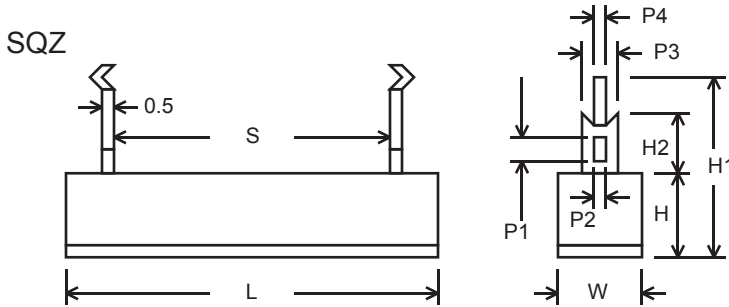
TYPE	DIMENSION (mm)				RESISTANCE RANGE (Ω)	
	W ± 1	H ± 1.5	L ± 1	t ± 1	RQT	RS + RQT
5W	10	9	22	1.5	0.1 - 200 Ω	200 - 47KΩ
7W	10	9	35	3.0	0.1 - 500 Ω	500 - 47KΩ
10W	10	9	48	3.0	0.1 - 1K Ω	1K - 47KΩ

Fixed Component Resistors



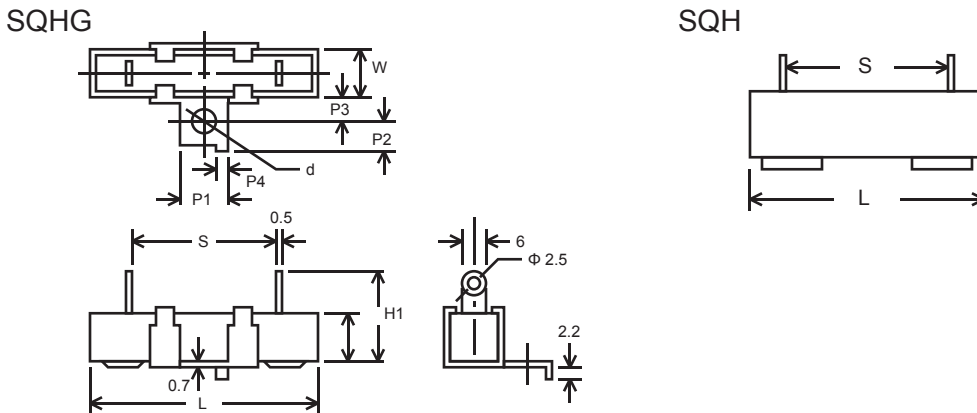
Wirewound Rectangular Resistor

△ Specifications



Description	Power Rating (W)	Resistance Range (Ω)		Dimensions (mm)									
		SQZ	RS + SQZ	L	H	W	S	H1	H2	P1	P2	P3	P4
SQZ - 5	5	0.1 Ω - 150 Ω	151 Ω - 5K Ω	27.0	9.5	9.5	15.0	24.0	9.5	4.0	2.0	5.0	1.4
SQZ - 7	7	0.1 Ω - 450 Ω	451 Ω - 50K Ω	35.0	9.5	9.5	22.5	24.0	9.5	4.0	2.0	5.0	1.4
SQZ - 10	10	0.1 Ω - 470 Ω	471 Ω - 50K Ω	48.0	9.5	9.5	35.0	24.0	9.5	4.0	2.0	5.0	1.4
SQZ - 15	15	0.1 Ω - 600 Ω	601 Ω - 150K Ω	48.0	12.5	12.5	32.5	34.5	15.0	7.0	6.0	10.0	2.7
SQZ - 20	20	0.1 Ω - 1K Ω	1.1 Ω - 150K Ω	63.5	12.5	12.5	50.0	34.5	15.0	7.0	6.0	10.0	2.7
SQZ - 3	3			22.0	8.0	8.0	12.0	23.0	12.0	4.0	2.0	5.0	1.4
SQZ - 5	5			22.0	9.5	9.5	12.0	24.0	12.0	4.0	2.0	5.0	1.4

• Note: Resistance up to 50 Ω Maximum for Non-Inductive Type



Description	Power Rating (W)	Resistance Range (Ω)		Dimensions (mm)									
		SQH	RS + SQH	L \pm 2	H \pm 1	W \pm 1	S \pm 1	H1 \pm 1	P1 \pm 1	P2 \pm 1	P3 \pm 1	P4 \pm 1	d
SQH - 10	10	0.1 Ω - 600 Ω	601 Ω - 50K Ω	48.0	10.0	10.0	33	21	12	6	8.0	3.0	4
SQH - 15	15	0.1 Ω - 600 Ω	601 Ω - 150K Ω	48.0	12.0	12.0	33	21	12	6	8.0	3.0	4
SQH - 20	20	0.1 Ω - 1K Ω	1.1K Ω - 150K Ω	63.7			42	24	12	6	8.0	3.0	4
SQH - 30	30	0.1 Ω - 2K Ω		75.0	19.0	18.0	56	30	17	8	10.0	3.0	4
SQH - 40	40	0.1 Ω - 2K Ω		90.0	19.0	18.0	68	30	17	8	10.0	3.0	4