

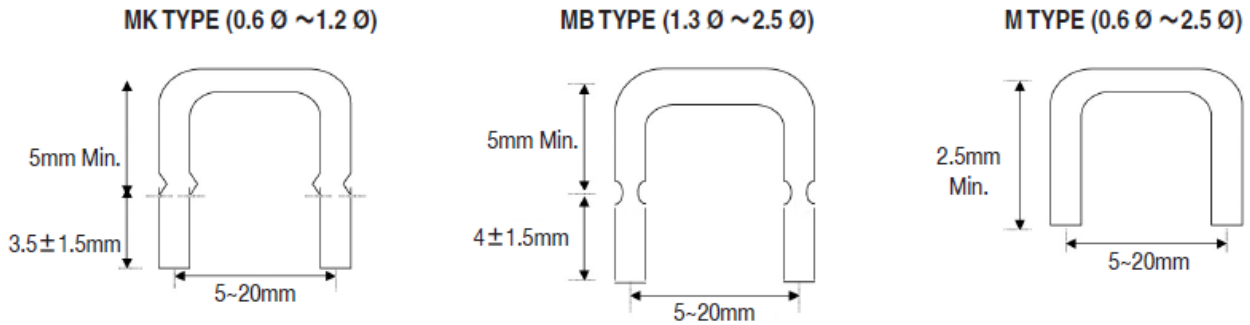
# LOW VALUE WIRE RESISTOR

## RW TYPE

### FEATURES

- The super low resistance ( $2.5\text{m}\Omega \sim 100\text{m}\Omega$ ) is suitable for high power current detection.
- Pitches and heights are adjustable according to mounting conditions.
- All custom-made products.
- Easy soldering.
- Non-inductive type.

### DIMENSIONS



TYPE	DIAMETER (mm)	MAX. RATING CURRENT (A)	RESISTANCE RANGE (m $\Omega$ )	RESISTANCE TOLERANCE	OPERATING TEMP.
RW06	0.6	3.0	50 ~ 100	$\pm 1\%$ (F) $\pm 5\%$ (J) $\pm 10\%$ (K)	-40°C ~ +200°C
RW07	0.7	4.0	20 ~ 70		
RW08	0.8	4.5	10 ~ 50		
RW09	0.9	5.0	10 ~ 40		
RW10	1.0	5.5	10 ~ 30		
RW11	1.1	6.0	6 ~ 20		
RW12	1.2	7.0	2.5 ~ 20		
RW13	1.3	7.5	5 ~ 20		
RW14	1.4	8.0	5 ~ 20		
RW15	1.5	9.0	3 ~ 20		
RW16	1.6	9.5	3 ~ 15		
RW18	1.8	11	3 ~ 10		
RW20	2.0	12	3 ~ 10		
RW23	2.3	14	3 ~ 5		
RW25	2.5	15	3 ~ 5		

\*\* Customized resistance values are available upon request

### CHARACTERISTICS

TEST	TEST METHOD	LIMITS	TEST STANDARD
			JIS-C-5201
Resistance Temp. Coeff.	-40°C ~ +200°C	$\pm 100\text{ppm}/^\circ\text{C}$	4.8
Short-Time Overload	2.5 times of rated voltage for 5 sec.	$\pm 2\%$	4.13
Rated Load	Rated voltage for 30 min.	$\pm 1\%$	4.14
Temperature Cycle	-40°C ~ +200°C for 5 cycles	$\pm 1\%$	4.19
Load Life	70°C on-off cycle 1,000 hours	$\pm 5\%$	4.25.1
Moisture-proof Load Life	40°C 95% RH on-off cycle 1,000 hours	$\pm 2\%$	4.24
Resistance to Soldering Heat	260°C $\pm 5^\circ\text{C}$ / 3.5 $\pm 0.5$ sec.	$\pm 1\%$	4.18