



WIRE WOUND RESISTOR, NON-FLAME

PART NUMBER DESCRIPTION (for order booking)

WWR100	PS	100K	J
Type & Wattage	Lead Style	Res. Value	Res. Tol.

(1) **Type & Wattage:** WWR100 – Wire Wound Resistors, 1W
 WWR200 (2W)
 WWR300 (3W)

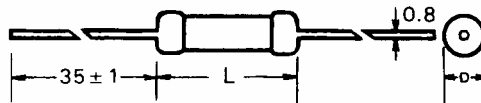
(2) **Lead Style:** PS, Horizontal Type

(3) **Resistance Value:** in Ohm (Ω)

Ohm	0.47	1	4.7	10	100	1000	4700	10000	1000000
Code No.	R47	1	4R7	10	100	1K	4K7	10K	1M

(4) **Resistance Tolerance:** J= $\pm 5\%$

DIMENSION & RESISTANCE RANGE:



TYPE	L ± 1.0	D ± 0.5	RESISTANCE RANGE RES. TOL.: J ($\pm 5\%$)
WWR100 (1W)	11.0	4.5	0.1 Ω ~ 50 Ω
WWR200 (2W)	15.0	5.0	0.1 Ω ~ 100 Ω
WWR300 (3W)	17.0	6.0	0.1 Ω ~ 100 Ω

PERFORMANCE CHARACTERISTICS:

TEST ITEM	TEST CONDITIONS	MAX. RES. CHANGE
Temperature Coefficient	-30 $^{\circ}$ C ~ +155 $^{\circ}$ C	± 300 PPM/ $^{\circ}$ C
Short Time Overload	5 times of rated voltage for 5 sec.	$\pm 2\%$
Voltage Withstanding	500V AC 1 Min.	No change
Insulation Resistance	500V megger.	500M Ω
Temperature Cycle	-30 $^{\circ}$ C ~ +85 $^{\circ}$ C, 5 cycles	$\pm 1\%$
Load Life	70 $^{\circ}$ C on-off cycle 1,000 hours	$\pm 5\%$
Moisture-proof Load Life	40 $^{\circ}$ C 95% RH on-off cycle 1,000 hours	$\pm 3\%$
Incombustibility	6 times of rated wattage for 5 min.	Not flamed