

WW / MWW Series — General Purpose and Precision Wirewound

Features

- WWS offers miniature size at higher power rating
- High performance for low cost
- High power to size ratio
- MWW - Completely molded construction with welded terminations tested to MIL-R-39007
- Complete welded terminations
- Tinned copper leads
- Available in non-inductive styles
- High temperature silicone coating
- RoHS compliant / lead-free

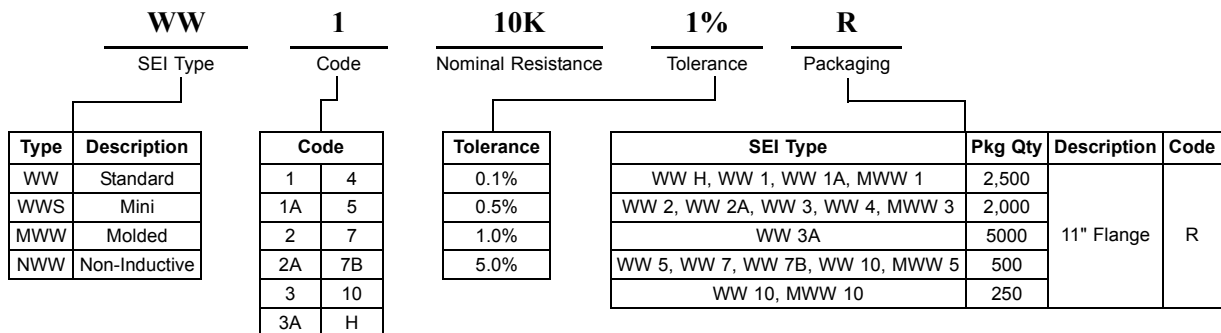


Electrical Specifications

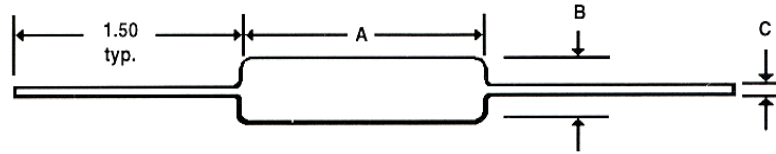
Type / Code	MIL-R-26 Ref.	Dielectric Strength (V)	Power Rating (Watts)		Std. Resistance Range * (ohms)	
			@ 125°C (U)	@ 25°C (V)	0.1%, 0.5%, 1% & 5%	
					Std	Non-Inductive
WW H	–	500V	0.4W	0.6W	0.1Ω – 2KΩ	0.1Ω – 1KΩ
WW 1 / WWS 2	–	500V	1.0W	1.2W	0.1Ω – 3KΩ	0.1Ω – 1.5KΩ
WW 1A	RW-70	500V	1.0W	1.5W	0.1Ω – 7KΩ	0.1Ω – 3.5KΩ
WW 2 / WWS 3	RW-69	1,000V	1.5W	2.5W	0.1Ω – 10KΩ	0.1Ω – 5KΩ
WW 2A	–	1,000V	2.5W	3.0W	0.1Ω – 15KΩ	0.1Ω – 7.5KΩ
WW 3 / WWS 4	RW-79	1,000V	3.0W	3.7W	0.1Ω – 22KΩ	0.1Ω – 11KΩ
WW 3A	–	1,000V	3.0W	4.0W	0.1Ω – 30KΩ	0.1Ω – 15KΩ
WW 4 / WWS 5	–	1,000V	4.0W	5.0W	0.1Ω – 40KΩ	0.1Ω – 20KΩ
WW 5 / WWS 7	RW-67, RW-74	1,000V	5.0W	6.0W	0.1Ω – 50KΩ	0.1Ω – 25KΩ
WW 7 / WWS 10	–	1,000V	6.5W	8.5W	0.1Ω – 70KΩ	0.1Ω – 35KΩ
WW 7B	–	1,000V	7.0W	9.0W	0.1Ω – 100KΩ	0.1Ω – 50KΩ
WW 10	RW-78	1,000V	10W	13W	0.1Ω – 150KΩ	0.1Ω – 75KΩ
MWW 1	RW-70	1,000V	1.0W	1.5W	0.1Ω – 2KΩ	–
MWW 3	RW-79	1,000V	3.0W	3.75W	0.1Ω – 20KΩ	–
MWW 5	RW-67, RW-74	1,000V	5.0W	6.5W	0.1Ω – 40KΩ	–
MWW 10	RW-68, RW-74	1,000V	10.0W	13.0W	0.1Ω – 150KΩ	–

* Standard TC as follows: ±90ppm below 1Ω, ±50ppm from 1 - 10Ω, & ±20ppm above 10Ω.

How to Order



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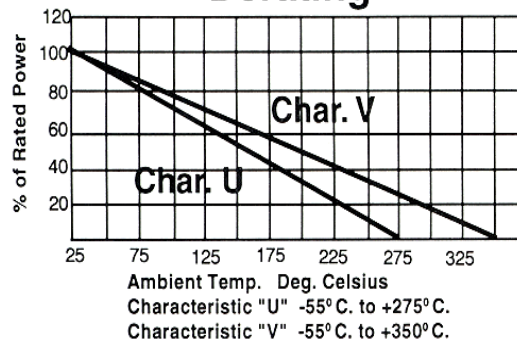


Mechanical Specifications

Type / Code	A	B	C	Units
Tolerance	$\pm 0.062/\pm 1.6$	$\pm 0.031/\pm 0.8$	$\pm 0.002/\pm 0.05$	
WW H	0.312 7.9	0.110 2.8	0.0245 0.64	inches mm
WW 1 / WWS 2	0.375 9.5	0.110 2.8	0.025 0.64	inches mm
WW 1A	0.420 10.7	0.110 2.8	0.025 0.64	inches mm
WW 2 / WWS 3	0.370 9.4	0.156 4.0	0.032 0.81	inches mm
WW 2A	0.550 14.0	0.156 4.0	0.032 0.81	inches mm
WW 3 / WWS 4	0.560 14.2	0.187 4.8	0.032 0.81	inches mm
WW 3A	0.500 12.7	0.218 5.5	0.032 0.81	inches mm
WW 4 / WWS 5	0.700 17.8	0.270 6.9	0.036 0.91	inches mm
WW 5 / WWS 7	0.875 22.2	0.312 7.9	0.036 0.91	inches mm
WW 7 / WWS 10	1.000 25.4	0.312 7.9	0.036 0.91	inches mm
WW 7B	1.200 30.5	0.312 7.9	0.036 0.91	inches mm
WW 10	1.780 45.2	0.375 9.5	0.036* 0.91*	inches mm
MWW 1	0.385 9.8	0.135 3.4	0.032 0.81	inches mm
MWW 3	0.560 14.2	0.205 5.2	0.032 0.81	inches mm
MWW 5	0.925 23.5	0.330 8.4	0.036 0.91	inches mm
MWW 10	1.965 49.9	0.480 12.2	0.040 1.02	inches mm

* Available in 0.040

Derating



Performance Characteristics

Test	Results
Moisture Resistance	1% max.
Load Life	1%
Temperature Cycling	0.5%
Short Time Overload	1%