

WW / MWW Series — General Purpose and Precision Wirewound

Features

- High performance for low cost
- Excellent stability in operation
- 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

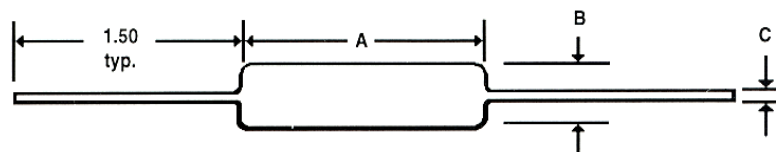
Type / Code	MIL-R-26 Ref.	Dielectric Strength	Power Rating (Watts)		Std. Resistance Range* (ohms)
			@ 125°C (U)	@ 25°C (V)	
WW H	—	500	0.4W	0.6W	0.1Ω – 2K
WW 1	—	500	1.0W	1.2W	0.1Ω – 3K
WW 1A	RW-70	500	1.0W	1.5W	0.1Ω – 7K
WW 2	RW-69	1,000	1.5W	2.5W	0.1Ω – 10K
WW 2A	—	1,000	2.5W	3.0W	0.1Ω – 15K
WW 3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

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

How to Order

WW		1	10K	1%	R		
SEI Type		Code	Nominal Resistance	Tolerance	Packaging		
Type	Description	Code	Tolerance	Description	Pkg Qty	Description	Code
WW	Standard	1	0.1%	WW H, WW 1, WW 1A, MWW 1	2,500	11" Flange	R
MWW	Molded	1A	0.5%	WW 2, WW 2A, WW 3, WW 4, MWW 3	2,000		
NWW	Non-Inductive	2	1.0%	WW 3A	750		
		2A	5.0%	WW 5, WW 7, WW 7B, WW 10, MWW 5	500		
		3		WW 10, MWW 10	250		
		3A					
		4					
		5					
		7					
		7B					
		10					
		H					

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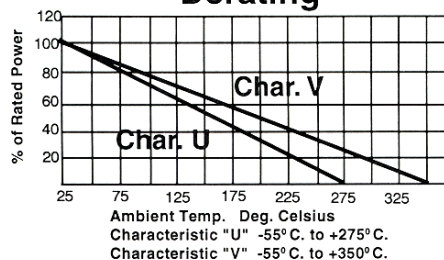


Mechanical Specifications				
Type / Code	A	B	C	Units
Tolerance	$\pm 0.062/\pm 1.6$	$\pm 0.031/\pm 0.8$	$\pm 0.002/\pm 0.05$	
WW H	0.312 7.9	0.110 2.8	0.0245 0.64	inches mm
WW 1	0.375 9.5	0.110 2.8	0.025 0.64	inches mm
WW 1A	0.420 10.7	0.110 2.8	0.025 0.64	inches mm
WW 2	0.370 9.4	0.156 4.0	0.032 0.81	inches mm
WW 2A	0.550 14.0	0.156 4.0	0.032 0.81	inches mm
WW 3	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	0.700 17.8	0.270 6.9	0.036 0.91	inches mm
WW 5	0.875 22.2	0.312 7.9	0.036 0.91	inches mm
WW 7	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

* Available in 0.040

Mechanical Specifications				
Type / Code	A	B	C	Units
Tolerance	$\pm 0.015/\pm 0.4$	$\pm 0.015/\pm 0.4$	$\pm 0.002/\pm 0.05$	
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

Derating



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