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)		Resitance Temperature Coefficient	Ohmic Range(Ω) and Tolerance(1) 0.1%, 0.5%, 1% & 5%	
			@ 125ºC (U)	@ 25ºC (V)		Standard	Non-Inductive
WW H	-	500V	0.4W	0.6W		0.1 - 2K	0.1 - 1K
WW 1 / WWS 2	-	500V	1W	1.2W		0.1 - 3K	0.1 - 1.5K
WW 1A	RW-70	500V	1W	1.5W	< 1Ω = ±90ppm/ºC	0.1 - 7K	0.1 - 3.5K
WW 2 / WWS 3	RW-69	1,000V	1.5W	2.5W		0.1 - 10K	0.1 - 5K
WW 2A	-	1,000V	2.5W	3W		0.1 - 15K	0.1 - 7.5K
WW 3 / WWS 4	RW-79	1,000V	3W	3.7W		0.1 - 22K	0.1 - 11K
WW 3A	-	1,000V	3W	4W		0.1 - 30K	0.1 - 15K
WW 4 / WWS 5	-	1,000V	4W	5W		0.1 - 40K	0.1 - 20K
WW 5 / WWS 7	RW-67, RW-74	1,000V	5W	6W	1Ω to 10Ω = ±50ppmºC	0.1 - 50K	0.1 - 25K
WW 7	-	1,000V	6.5W	8.5W		0.1 - 70K	0.1 - 35K
WW 7B / WWS 10	-	1,000V	7W	9W		0.1 - 100K	0.1 - 50K
WW 10	RW-78	1,000V	10W	13W		0.1 - 150K	0.1 - 75K
MWW 1	RW-70	1,000V	1W	1.5W		0.1 - 2K	-
MWW 3	RW-79	1,000V	3W	3.75W	>10Ω = ±20ppm/ºC	0.1 - 20K	-
MWW 5	RW-67, RW-74	1,000V	5W	6.5W		0.1 - 40K	-
MWW 10	RW-68, RW-74	1,000V	10W	13W		0.1 - 150K	-

(1) Lesser of√PR or maximum working voltage

How to Order

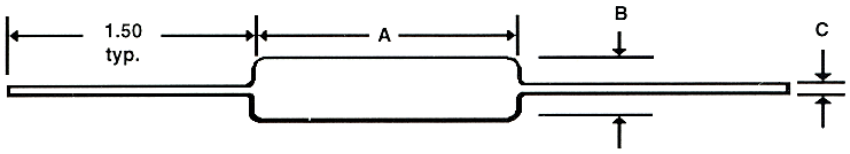
SEI Type	Code	Nominal Resistance	Tolerance	Packaging
WW	1	10K	1%	R

Type	Description
WW	Standard
WWS	Mini
MWW	Molded
NWW	Non-Inductive

Code	
1	4
1A	5
2	7
2A	7B
3	10
3A	H

Tolerance
0.1%
0.5%
1%
5%

Types	Qty	Description	Code
WW H, WW 1, WWS2, WW 1A, MWW 1	2,500	11" Flange	R
WW 2, WWS3, WW 2A, WW 3, WWS4, WW 4, WWS5, MWW 3	2,000		
WW 3A	5,000		
WW 5, WWS7, WW 7, WW 7B, WWS10, WW 10, MWW 5	500		
WW 10, MWW 10	250		

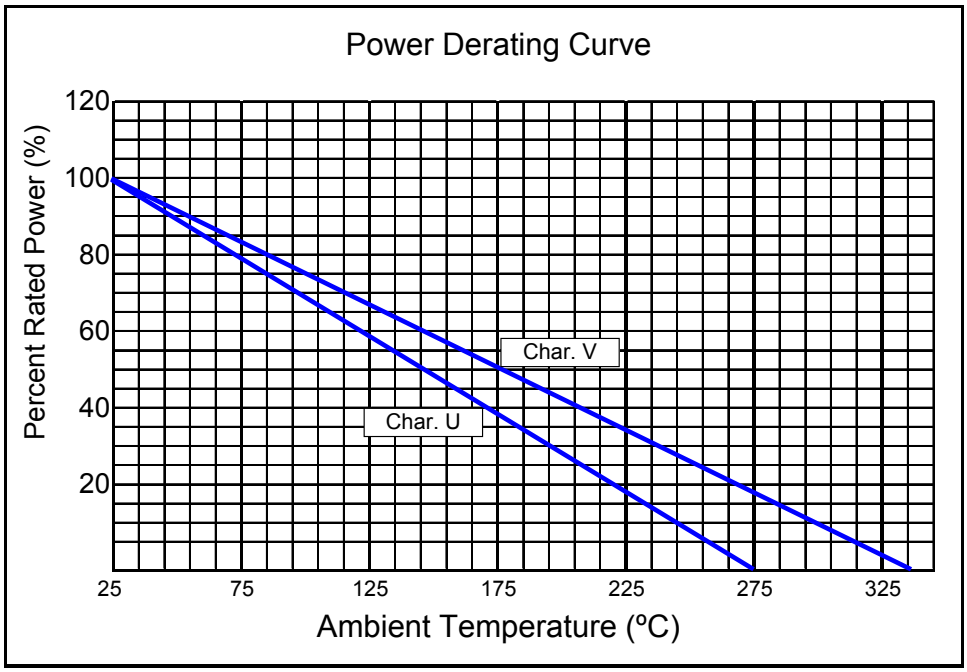


Mechanical Specifications				
Type / Code	A	B	C	Units
WW H	0.312 ± 0.062 7.9 ± 1.6	0.11 ± 0.031 2.8 ± 0.8	0.025 ± 0.002 0.64 ± 0.05	inches mm
WW 1 / WWS 2	0.375 ± 0.062 9.5 ± 1.6	0.11 ± 0.031 2.8 ± 0.8	0.025 ± 0.002 0.64 ± 0.05	inches mm
WW 1 A	0.42 ± 0.062 10.7 ± 1.6	0.11 ± 0.031 2.8 ± 0.8	0.025 ± 0.002 0.64 ± 0.05	inches mm
WW 2 / WWS 3	0.37 ± 0.062 9.4 ± 1.6	0.156 ± 0.031 4 ± 0.8	0.032 ± 0.002 0.81 ± 0.05	inches mm
WW 2A	0.55 ± 0.062 14 ± 1.6	0.156 ± 0.031 4 ± 0.8	0.032 ± 0.002 0.81 ± 0.05	inches mm
WW 3 / WWS 4	0.56 ± 0.062 14.2 ± 1.6	0.187 ± 0.031 4.8 ± 0.8	0.032 ± 0.002 0.81 ± 0.05	inches mm
WW 3A	0.5 ± 0.062 12.7 ± 1.6	0.218 ± 0.031 5.5 ± 0.8	0.032 ± 0.002 0.81 ± 0.05	inches mm
WW 4 / WWS 5	0.7 ± 0.062 17.8 ± 1.6	0.27 ± 0.031 6.9 ± 0.8	0.036 ± 0.002 0.91 ± 0.05	inches mm
WW 5 / WWS 7	0.875 ± 0.062 22.2 ± 1.6	0.312 ± 0.031 7.9 ± 0.8	0.036 ± 0.002 0.91 ± 0.05	inches mm
WW 7	1 ± 0.062 25.4 ± 1.6	0.312 ± 0.031 7.9 ± 0.8	0.036 ± 0.002 0.91 ± 0.05	inches mm
WW 7B / WWS 10	1.2 ± 0.062 30.5 ± 1.6	0.312 ± 0.031 7.9 ± 0.8	0.036 ± 0.002 0.91 ± 0.05	inches mm
WW 10	1.78 ± 0.062 45.2 ± 1.6	0.375 ± 0.031 9.5 ± 0.8	0.036 ± 0.002(1) 0.91 ± 0.05(1)	inches mm
MWW 1	0.385 ± 0.062 9.8 ± 1.6	0.135 ± 0.031 3.4 ± 0.8	0.032 ± 0.002 0.81 ± 0.05	inches mm
MWW 3	0.56 ± 0.062 14.2 ± 1.6	0.205 ± 0.031 5.2 ± 0.8	0.032 ± 0.002 0.81 ± 0.05	inches mm
MWW 5	0.925 ± 0.062 23.5 ± 1.6	0.33 ± 0.031 8.4 ± 0.8	0.036 ± 0.002 0.91 ± 0.05	inches mm
MWW 10	1.965 ± 0.062 49.9 ± 1.6	0.48 ± 0.031 12.2 ± 0.8	0.04 ± 0.002 1.02 ± 0.05	inches mm

(1) Available in 0.04mm / 0.0016"

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

Power Derating Curve:



Characteristic "U" -55ºC to +275ºC
Characteristic "V" -55ºC to +350ºC