

Anti-Surge Wire Wound (KNPA Series)



厚聲集團

Features:

- Excellent flame retardant coating
- Power up to 10W
- Low / High value available
- Anti surge function (IEC 61000-4-5)
- Surge immunity up to 10KV
- High Power in small body size available

Application:

- Motor Control Applications, TV, Monitors
- Test & Measurement Equipment
- Surge Protection & Voltage Divider
- Power Supply, Power Electronic control
- Dishwashers, Dryers, Washing Machines
- Energy / Smart / Digital meter

Cross Reference to:

Vishay : Z300-C, CWHS

Firstohm : SWA

TT Electronics : WHS

* Higher surge available case to case basis

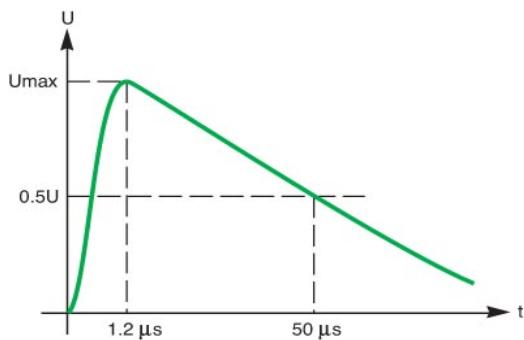
* Special fusing wire wound can be supplied on a case to case basis



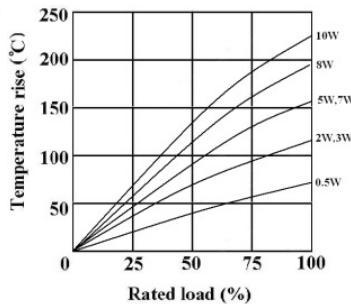
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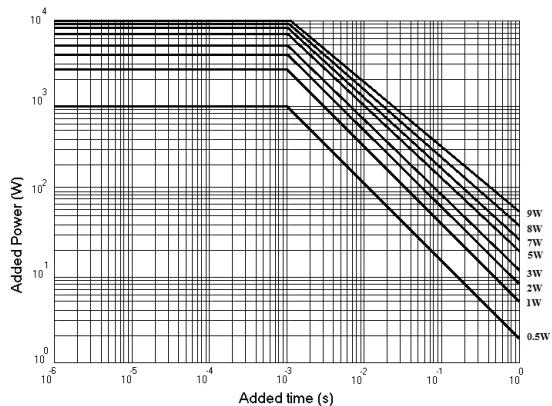
Surge Waveform (1.2/50μs)



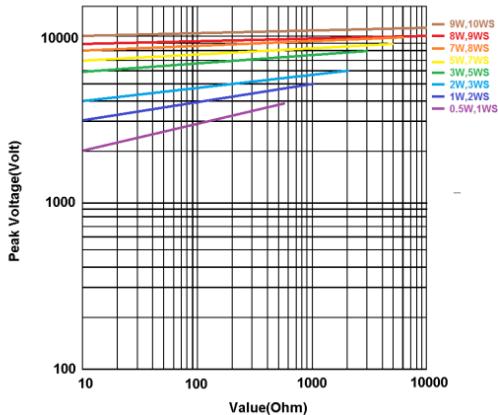
Heat Rise Chart



Pulse Capability



1.2/50μs Voltage Capability



*Operating Temperature: -55°C~+155°C

Watt	Dimension (mm)				Low Resistance Range	Max. Surge	Medium Resistance Range	Max. Surge	High Resistance Range	Max. Surge
	D ± 1.0	L ± 1.0	d ± 0.05	H ± 3.0						
1/2W	3.5	10.0	0.54	28	10Ω ~ 40Ω	2KV	43Ω ~ 240Ω	3KV	270Ω ~ 560Ω	4KV
1WS										
1W	5.0	12.0	0.70	28	10Ω ~ 50Ω	3KV	51Ω ~ 240Ω	4KV	270Ω ~ 1kΩ	5KV
2WS										
2W	5.5	16.0	0.70	28	10Ω ~ 100Ω	4KV	110Ω ~ 240Ω	5KV	270Ω ~ 2kΩ	6KV
3WS										
3W	6.5	17.5	0.75	28	10Ω ~ 100Ω	6KV	110Ω ~ 680Ω	7KV	750Ω ~ 3kΩ	8KV
5WS										
5W	8.5	25.0	0.75	38	10Ω ~ 160Ω	7KV	180Ω ~ 680Ω	8KV	750Ω ~ 5kΩ	9KV
7WS										
7W	8.5	30.0	0.75	38	10Ω ~ 160Ω	8KV	180Ω ~ 680Ω	9KV	750Ω ~ 6kΩ	10KV
8WS										
8W	8.5	40.0	0.75	38	10Ω ~ 160Ω	9KV	180Ω ~ 680Ω	10KV	750Ω ~ 10kΩ	10KV
9WS										
9W	8.5	53.0	0.75	38	10Ω ~ 160Ω	10KV	180Ω ~ 680Ω	10KV	750Ω ~ 15kΩ	10KV
10WS										
10W										



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ISO 14001

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