

SWT/EWT Series — Non-Flammable Edgewound Tubular Wire Wound



Features

- High current capability
- RoHS compliant / Lead-free
- Refer to appropriate mounting spec sheet for non standard tab connections
- SWT -Silicone coating provides Power Derating to 350°C
- EWT -Vitreous Enamel coating provides Power Derating to 500°C
- Suitable for soldering or thru bolt connections
- Wirewound Ribbon on ceramic substrate



Electrical Specifications

Type / Code*	Power Rating (Watts) @ 70°C	Dielectric Strength VAC	Ohmic Range and Tolerance
			5%, 10%
SWT 12	12W	1,000	0.1Ω – 51KΩ
SWT 25	25W	2,500	1Ω – 30KΩ
SWT 50	50W	2,500	0.1Ω – 50KΩ
SWT 100	100W	2,500	0.1Ω – 100KΩ
SWT 150	150W	2,500	0.1Ω – 150KΩ
SWT 175	175W	2,500	0.15Ω – 100KΩ
SWT 200	200W	2,500	0.1Ω – 200KΩ
SWT 225	225W	2,500	0.2Ω – 130KΩ
SWT 250	250W	2,500	0.5Ω – 250KΩ
SWT 300	300W	2,500	0.5Ω – 300KΩ
SWT 400	400W	2,500	0.5Ω – 400KΩ
SWT 500	500W	2,500	0.5Ω – 500KΩ
SWT 700	700W	2,500	1Ω – 600KΩ
SWT 1000	1000W	2,500	1Ω – 1MΩ
SWT 1300	1300W	2,500	1Ω – 1.3MΩ

*EWT will have the same Electrical performance as SWT series

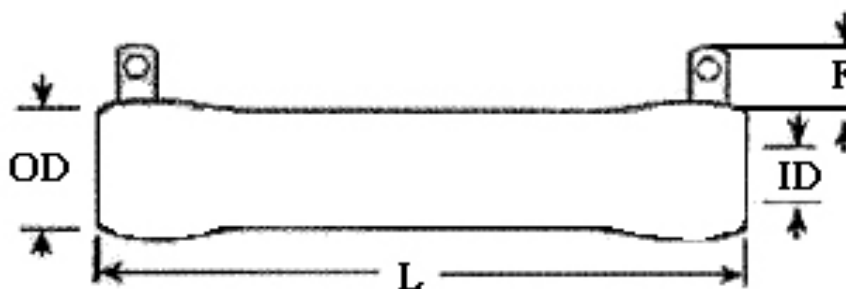
How to Order

EWT		M	50	200	5%	B	
SEI Type		Termination	Code	Nominal Resistance	Tolerance	Packaging	
Type	Description	Code	Description	Power Rating	Tolerance	Code	Description
SWT	Silicone Coating (Std)	-	Std Tab Connection	12 225	5%	B	Bulk
EWT	Vitreous Enamel	M	Mounting Hardware ¹	25 250	10%		
		S	Spring Clips ¹	50 300			
		L	Welded Straight Leads	100 400			
		A	Adjustable	150 500			
				175 700			
				200 1000			
				1300			

¹Order appropriate mounting Part Number

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SEI



Mechanical Specifications

Type / Code*	OD	ID	F	L	Units
Tolerance	±0.04	±0.04	±0.04	±0.08	inches
	±1.0	±1.0	±1.0	±2.0	mm
SWT12	0.31 7.94	0.188 4.76	0.47 12.0	1.75 44.4	inches mm
SWT25	0.56 14.3	0.31 7.94	0.47 12.0	2.00 51.0	inches mm
SWT50	0.56 14.3	0.31 7.94	0.75 19.0	4.00 102	inches mm
SWT100	0.75 19.1	0.50 12.7	0.67 17.0	6.50 165	inches mm
SWT150	1.10 28.0	0.75 19.1	0.67 17.0	7.11 206	inches mm
SWT175	1.13 28.6	0.75 19.1	0.67 17.0	8.50 216	inches mm
SWT200	1.38 35.0	0.75 19.1	0.67 17.0	8.74 222	inches mm
SWT225	1.125 28.6	0.75 19.1	0.71 18.0	10.5 267	inches mm
SWT250	1.57 40.0	1.125 28.6	0.71 18.0	8.74 222	inches mm
SWT300	1.57 40.0	1.125 28.6	0.71 18.0	10.71 272	inches mm
SWT400	1.57 40.0	1.125 28.6	0.71 18.0	13.46 342	inches mm
SWT500	2.50 63.5	1.75 44.5	1.10 28.0	12.00 305	inches mm
SWT700	1.97 50.0	1.41 35.7	1.10 28.0	18.18 462	inches mm
SWT1000	2.50 63.5	1.75 44.5	1.18 30.0	20.00 508	inches mm
SWT1300	2.56 65.0	1.75 44.5	1.18 30.0	26.26 667	inches mm

*EWT series will have the same Mechanical Specifications as SWT series