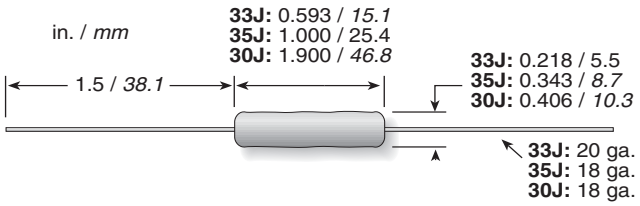
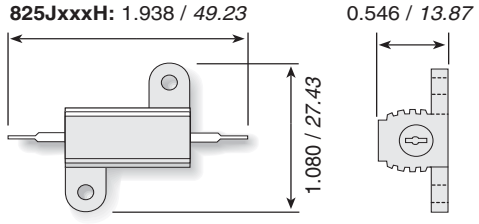
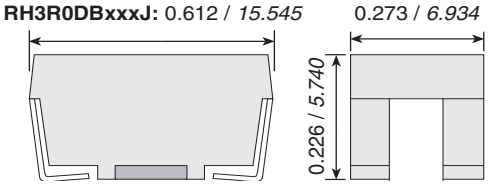
High Energy Wirewound

Axial Terminal / Surface Mount / Heat Sinkable Packaging







	Type	Watts	Tolerance	Voltage
33Jxxx	Axial	3	5%	200
35Jxxx	Axial	5	5%	460
30Jxxx	Axial	10	5%	1000
825JxxxH	Heat Sinkable	25	5%	520
RH3R0DBxxxJ	Surface Mount	3	5%	200

STANDARD PART NUMBERS FOR 30 SERIES

Part Number	Ohms	Power	Energy (J)	Fusing Energy (J)	Current to fuse (A)	Power to fuse (W)
33J1R0	1	3	12.70	53.26	23.93	572.60
33J5R0	5	3	6.25	26.20	10.03	502.96
33J10R	10	3	4.94	20.73	7.08	501.70
33J15R	15	3	4.66	19.55	5.95	531.47
33J20R	20	3	3.91	16.40	5.00	500.45
33J25R	25	3	3.07	12.89	4.20	441.79
33J30R	30	3	2.97	12.46	3.92	460.80
33J50R	50	3	2.43	10.20	2.97	440.68
33J100	100	3	1.92	8.07	2.10	439.58
35J1R5	1.5	5	76.55	321.19	40.32	2438.48
35J2R5	2.5	5	64.65	271.23	31.59	2494.75
35J7R5	7.5	5	37.66	158.01	16.90	2141.89
35J12R	12	5	37.90	158.99	14.20	2420.25
35J18R	18	5	28.80	120.84	11.13	2228.50
35J22R	22	5	27.48	115.29	10.03	2213.02
35J36R	36	5	22.78	95.59	7.86	2222.93
35J47R	47	5	23.22	97.42	7.08	2358.00
35J75R	75	5	18.77	78.77	5.55	2309.77
30J2R0	2	10	162.30	680.93	47.98	4603.79
30J4R7	4.7	10	150.86	632.92	33.88	5395.94
30J6R8	6.8	10	137.27	575.91	28.47	5513.41
30J15R	15	10	119.76	502.47	20.11	6065.77
30J27R	27	10	85.27	357.74	14.20	5445.56
30J33R	33	10	65.54	274.98	11.93	4700.40
30J50R	50	10	62.45	262.03	10.03	5029.59
30J82R	82	10	51.90	217.74	7.86	5063.34
30J100	100	10	49.41	207.28	7.08	5017.03
30J150	150	10	46.61	195.54	5.95	5314.71
825J1R0H	1	25	51.04	214.12	40.32	1625.65
825J5R0H	5	25	39.92	167.49	20.11	2021.92
825J10RH	10	25	31.58	132.50	14.20	2016.87
825J25RH	25	25	19.64	82.40	8.43	1776.01
825J36RH	36	25	17.79	74.62	7.08	1806.13
825J47RH	47	25	18.71	78.49	6.60	2049.57
825J75RH	75	25	14.66	61.49	5.00	1876.69
825J100H	100	25	12.29	51.56	4.20	1767.15
825J150H	150	25	11.59	48.64	3.53	1872.00
RH3R0DBR500J	0.5	3	12.93	54.25	31.59	498.95
RH3R0DB1R00J	1	3	10.23	42.91	22.31	497.70
RH3R0DB2R70J	2.7	3	6.87	28.82	13.24	473.33
RH3R0DB4R70J	4.7	3	5.87	24.63	10.03	472.78
RH3R0DB6R80J	6.8	3	5.34	22.41	8.43	483.07
RH3R0DB7R50J	7.5	3	4.75	19.91	7.86	463.11
RH3R0DB10R0J	10	3	3.98	16.70	6.60	436.08
RH3R0DB15R0J	15	3	3.75	15.75	5.55	461.95
RH3R0DB25R0J	25	3	3.07	12.89	4.20	441.79
RH3R0DB47R0J	47	3	2.28	9.59	2.97	414.24
RH3R0DB68R0J	68	3	2.08	8.72	2.49	423.26
RH3R0DB75R0J	75	3	2.29	9.62	2.49	466.83

RoHS compliant product available; Add "E" suffix to part number to specify.

Ohmite Manufacturing's family of **High Energy Wirewound Resistors** employ special winding techniques to maximize the effective joule rating of each resistor. Most wirewound resistors are wound with the objective of meeting the stated power (wattage) rating and keeping cost low through the use of automatic winding equipment. Typically, manufacturers will allow substitution of resistance wire, depending on material availability. On tight tolerance wirewounds some type of abrasive adjustment to the resistance wire is often used to maximize production yields. Both of these procedures can adversely affect the joule rating and fusing current of a wirewound resistor, and this is often the reason that the manufacturer does not publish a fixed joule rating.

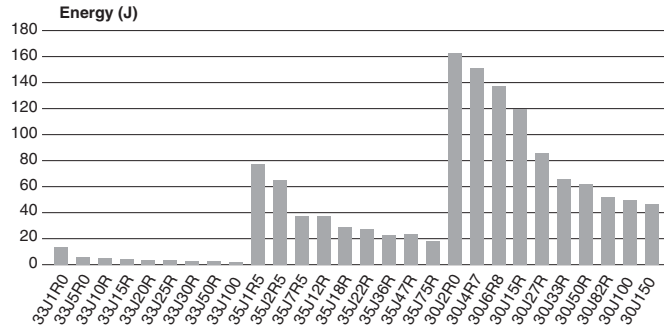
Ohmite **High Energy Wirewounds** are hand wound in order to maintain the tightest possible pitch (space between windings) and thereby maximize the mass of the resistive element. Since no wire substitutions are allowed, and no abrasive adjusting is permitted in this family, Ohmite can publish a fixed joule rating and fusing current for each part number in the series.

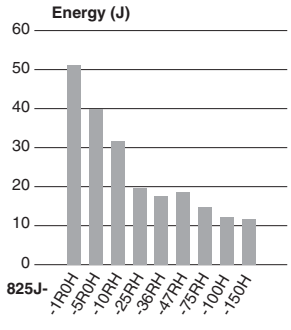
This technique can be applied to any wirewound product. In order to provide the broadest selection of packaging, Ohmite has developed standard offerings in three different package types-axial, SMD, and heat sinkable. Other sizes and types can be quoted on request, such as tubular power resistors.

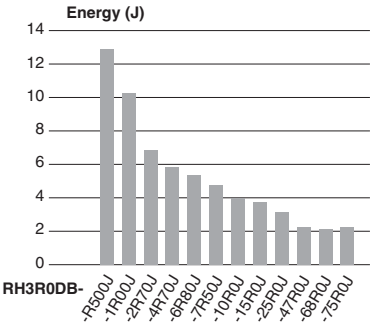
Check product availability using the Worldwide Inventory Search at ohmite.com

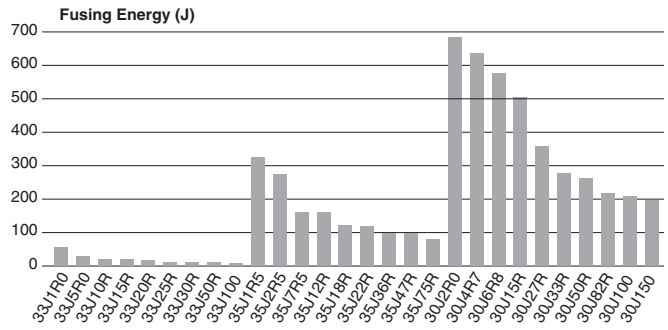
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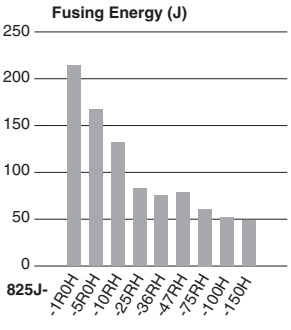
PERFORMANCE CHARACTERISICS

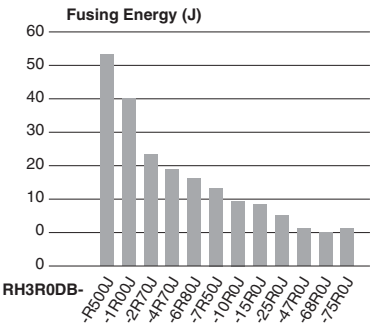


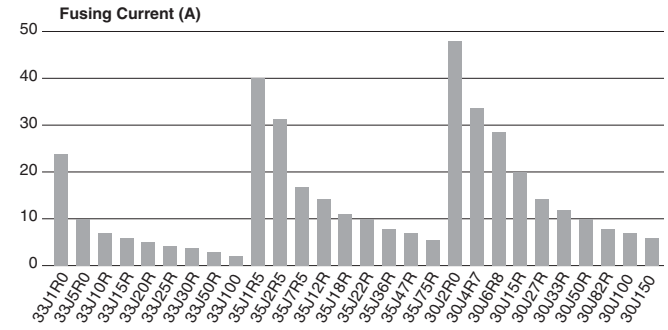


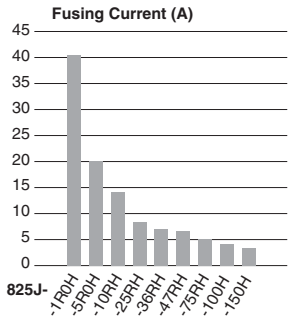


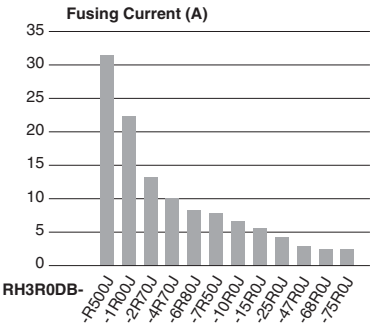












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