

OHMITE 5% Vitreous Enamel Coated Resistors - 3, 5 and 10 Watt



20 SERIES AXIAL LEAD WIREWOUND RESISTORS

Features:

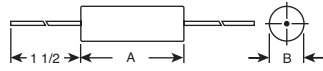
- Enamel coating
- Welded terminations
- Low temperature coefficient



RoHS Compliant

Specifications:

- Resistance tolerance: $\pm 5\%$
- Temperature coefficient 0.1 to 7.5 Ω : ± 50 ppm
- 10 Ω and over: ± 30 ppm
- For units below 1 Ω , add 15% to body diameter, 10% to body length



DIMENSIONS: in.

*: All values not available in all sizes

Table of Values 20 Series in (Ω)

Value	Value Code	Value	Value Code	Value	Value Code	Value	Value Code
0.1	R10E	27	27RE	330	330E	2.7K	2K7E
0.13	R13E	30	30RE	350	350E	3K	3K0E
0.15	R15E	33	33RE	390	390E	3.3K	3K3E
0.2	R20E	35	35RE	400	400E	3.5K	3K5E
0.3	R30E	39	39RE	450	450E	3.9K	3K9E
0.33	R33E	40	40RE	470	470E	4K	4K0E
0.5	R50E	47	47RE	500	500E	4.5K	4K5E
0.75	R75E	50	50RE	560	560E	4.7K	4K7E
1	R10E	56	56RE	600	600E	5K	5K0E
1.5	R15E	68	68RE	680	680E	6K	6K0E
2	R20E	75	75RE	750	750E	6.8K	6K8E
3	R30E	82	82RE	800	800E	7K	7K0E
4	R40E	100	100E	820	820E	7.5K	7K5E
5	R50E	120	120E	900	900E	8K	8K0E
7.5	R75E	125	125E	1K	1K0E	9K	9K0E
10	R10E	150	150E	1.1K	1K1E	10K	10K0E
12	R12E	180	180E	1.2K	1K2E	12K	12K0E
15	R15E	200	200E	1.5K	1K5E	15K	15K0E
18	R18E	220	220E	1.8K	1K8E	20K	20K0E
20	R20E	225	225E	2K	2K0E	22K	22K0E
22	R22E	250	250E	2.2K	2K2E	25K	25K0E
25	R25E	300	300E	2.5K	2K5E		

3 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Dimensions: in.		Price Each			
		A	B	1	50	100	250
588-23J-Code	0.1-0.33	0.5	0.22	2.08	1.77	1.55	1.35
588-23J-Code	0.5-7.5	0.5	0.22	1.46	1.23	1.10	.93
588-23J-Code	10-82	0.5	0.22	1.43	1.23	1.10	.93
588-23J-Code	100-450	0.5	0.22	1.16	.98	.87	.75
588-23J-Code	470-900	0.5	0.22	1.27	1.07	.94	.82
588-23J-Code	1K-4.7K	0.5	0.22	1.60	1.38	1.22	1.11
588-23J-Code	5K-7K	0.5	0.22	2.21	1.87	1.65	1.43
588-23J-Code	7.5K-10K	0.5	0.22	2.58	2.20	1.94	1.68

5 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Dimensions: in.		Price Each			
		A	B	1	50	100	250
588-25J-Code	0.1-0.33	0.5	0.22	1.81	1.54	1.36	1.17
588-25J-Code	0.5-7.5	0.5	0.22	1.81	1.54	1.36	1.17
588-25J-Code	10-82	0.5	0.22	1.60	1.38	1.22	1.11
588-25J-Code	100-450	0.5	0.22	1.39	1.18	1.03	.91
588-25J-Code	470-900	0.5	0.22	1.39	1.18	1.03	.91
588-25J-Code	1K-4.7K	0.5	0.22	1.89	1.61	1.42	1.23
588-25J-Code	5K-7K	0.5	0.22	2.38	2.03	1.78	1.55
588-25J-Code	7.5K-10K	0.5	0.22	2.38	2.03	1.78	1.55

10 Watts

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Range of Values (Ω)	Dimensions: in.		Price Each			
		A	B	1	50	100	250
588-20J-Code	0.1-7.5	1.84	0.35	2.24	1.89	1.68	1.44
588-20J-Code	10-82	1.84	0.35	2.04	1.72	1.52	1.32
588-20J-Code	100-900	1.84	0.35	1.84	1.56	1.38	1.19
588-20J-Code	1K-2.5K	1.84	0.35	2.22	1.87	1.66	1.43
588-20J-Code	3K-4.7K	1.84	0.35	2.53	2.15	1.89	1.64
588-20J-Code	5K-9K	1.84	0.35	2.88	2.43	2.17	1.86
588-20J-Code	10K-20K	1.84	0.35	3.29	2.79	2.46	2.11
588-20J-Code	25K	1.84	0.35	3.71	3.15	2.79	2.40

OHMITE 5% Vitreous Enamel Molded Wirewound - 3 1/4, 5, and 11 Watt



90 SERIES

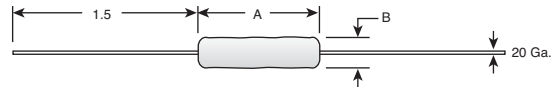
Features:

- Molded construction provides consistent shape and size (permits mounting in clips which extends power rating)
- Flame resistant lead free vitreous enamel coating
- All welded construction
- Ready for use with snap-on style heat sinks

Specifications:

- Resistance tolerance: 5%
- Overload:
 - 3 and 5 watts: 5 times rated wattage for 5 seconds
 - 11 watts: 10 times rated wattage for 5 seconds
- Dielectric withstanding voltage: 1000VAC

DIMENSIONS: in.



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Ohmite Part No.	Value (Ω)	Dimensions: in.		Price Each					
			A	B	1	25	100	250	500	
3 1/4 Watt										
588-93J1R0E	93J1R0E	1.0	.56	.23	2.45	2.21	2.06	1.94	1.85	
588-93J2R0E	93J2R0E	2.0	.56	.23	2.45	2.21	2.06	1.94	1.85	
588-93J5R0E	93J5R0E	5.0	.56	.23	2.45	2.21	2.06	1.94	1.85	
588-93J10R0E	93J10R0E	10	.56	.23	1.98	1.88	1.53	1.50	1.41	
588-93J50R0E	93J50R0E	50	.56	.23	1.98	1.88	1.53	1.50	1.41	
588-93J100E	93J100E	100	.56	.23	1.98	1.88	1.53	1.50	1.41	
588-93J200E	93J200E	200	.56	.23	1.98	1.88	1.53	1.50	1.41	
588-93J500E	93J500E	500	.56	.23	2.61	2.24	2.10	1.98	1.90	
588-93J750E	93J750E	750	.56	.23	2.61	2.24	2.10	1.98	1.90	
588-93J1K0E	93J1K0E	1K	.56	.23	3.00	2.82	2.45	2.37	2.32	
588-93J2K0E	93J2K0E	2K	.56	.23	3.00	2.82	2.45	2.37	2.32	
588-93J5K0E	93J5K0E	5K	.56	.23	4.33	3.92	3.75	3.61	3.47	
588-93J10K0E	93J10K0E	10K	.56	.23	4.33	3.92	3.75	3.61	3.47	
5 Watt										
588-95J1R0E	95J1R0E	1.0	.95	.23	3.93	3.82	2.93	2.83	2.72	
588-95J2R0E	95J2R0E	2.0	.95	.23	2.93	2.77	2.41	2.33	2.28	
588-95J5R0E	95J5R0E	5	.95	.23	3.93	3.82	2.93	2.83	2.72	
588-95J10R0E	95J10R0E	10	.95	.23	3.14	3.03	2.42	2.33	2.25	
588-95J33R0E	95J33R0E	33	.95	.23	2.73	2.54	2.42	2.33	2.25	
588-95J50R0E	95J50R0E	50	.95	.23	3.45	3.35	2.56	2.49	2.40	
588-95J100E	95J100E	100	.95	.23	2.61	2.40	2.30	2.22	2.13	
588-95J200E	95J200E	200	.95	.23	2.73	2.54	2.42	2.33	2.25	
588-95J500E	95J500E	500	.95	.23	3.18	2.99	2.81	2.71	2.60	
588-95J600E	95J600E	600	.95	.23	3.18	2.99	2.81	2.71	2.60	

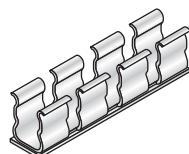
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MOUSER STOCK NO.	Ohmite Part No.	Value (Ω)	Dimensions: in.		Price Each					
			A	B	1	25	100	250	500	
5 Watt (Cont.)										
588-95J750E	95J750E	750	.95	.23	3.18	2.99	2.81	2.71	2.60	
588-95J1K0E	95J1K0E	1K	.95	.23	3.39	3.16	3.01	2.90	2.79	
588-95J2K0E	95J2K0E	2K	.95	.23	3.39	3.16	3.01	2.90	2.79	
588-95J5K0E	95J5K0E	5K	.95	.23	6.78	6.67	5.10	4.94	4.78	
588-95J10K0E	95J10K0E	10K	.95	.23	6.78	6.67	5.10	4.94	4.78	
588-95J15K0E	95J15K0E	15K	.95	.23	6.78	6.67	5.10	4.94	4.78	
588-95J20K0E	95J20K0E	20K	.95	.23	6.41	5.96	5.69	5.48	5.27	
11 Watt										
588-90J1R0E	90J1R0E	1.0	1.80	.34	5.36	4.57	4.25	3.99	3.86	
588-90J2R7E	90J2R7E	2.7	1.80	.34	5.36	4.57	4.25	3.99	3.86	
588-90J3R9E	90J3R9E	3.9	1.80	.34	3.72	3.41	3.07	2.94	2.83	
588-90J5R0E	90J5R0E	5.0	1.80	.34	4.57	4.46	3.41	3.31	3.20	
588-90J7R5E	90J7R5E	7.5	1.80	.34	3.72	3.41	3.07	2.94	2.83	
588-90J10R0E	90J10R0E	10	1.80	.34	5.20	3.99	3.57	3.36	3.25	
588-90J20R0E	90J20R0E	20	1.80	.34	3.72	3.41	3.07	2.94	2.83	
588-90J47R0E	90J47R0E	47	1.80	.34	3.72	3.41	3.07	2.94	2.83	
588-90J50R0E	90J50R0E	50	1.80	.34	3.72	3.41	3.07	2.94	2.83	
588-90J100E	90J100E	100	1.80	.34	3.72	3.41	3.07	2.94	2.83	
588-90J120E	90J120E	120	1.80	.34	3.72	3.41	3.07	2.94	2.83	
588-90J2K0E	90J2K0E	2K	1.80	.34	4.87	4.25	3.88	3.71	3.59	
588-90J5K0E	90J5K0E	5K	1.80	.34	6.16	5.77	4.63	4.55	4.30	
588-90J20K0E	90J20K0E	20K	1.80	.34	7.25	6.39	6.04	5.84	5.50	
588-90J27K0E	90J27K0E	27K	1.80	.34	7.25	6.39	6.04	5.84	5.50	
588-90J50K0E	90J50K0E	50K	1.80	.34	7.25	6.39	6.04	5.84	5.50	

RESISTOR MOUNTING CLIPS

Features:

- Prevents severe vibration or mechanical shock to resistor
- Increase resistor wattage up to 100% when mounted on a metal surface
- Holes in clip base permit fastening to chassis with machine screws, eyelets or rivets



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MOUSER STOCK NO.	Mounting Clip For	Dimensions: in.			Price Each		
		L	W	H	1	10	100
588-5904E	93J series	.50	.26	.319	1.96	1.83	1.65
588-5906E	95J series	.90	.24	.284	1.56	1.46	1.32
588-5908E	90J series	1.75	.33	.377	1.35	1.21	1.08