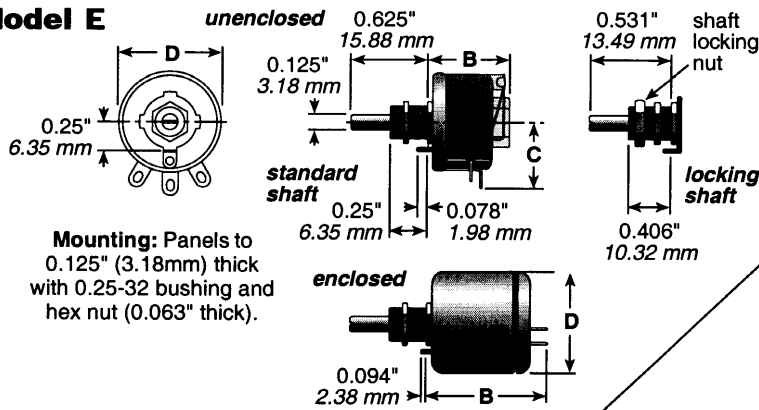
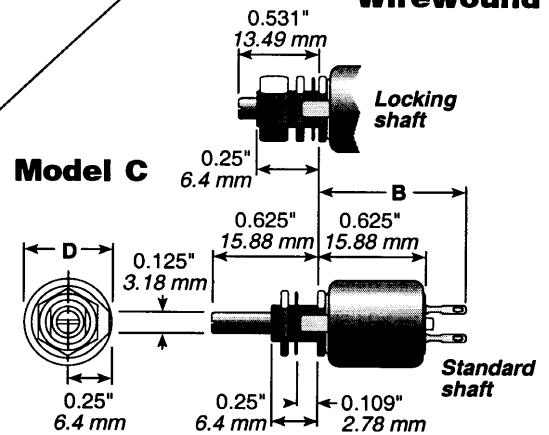


# Rheostats (Potentiometers) Wirewound

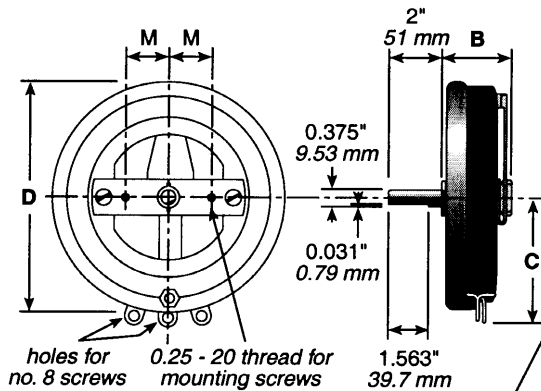
## Model E



## Model C



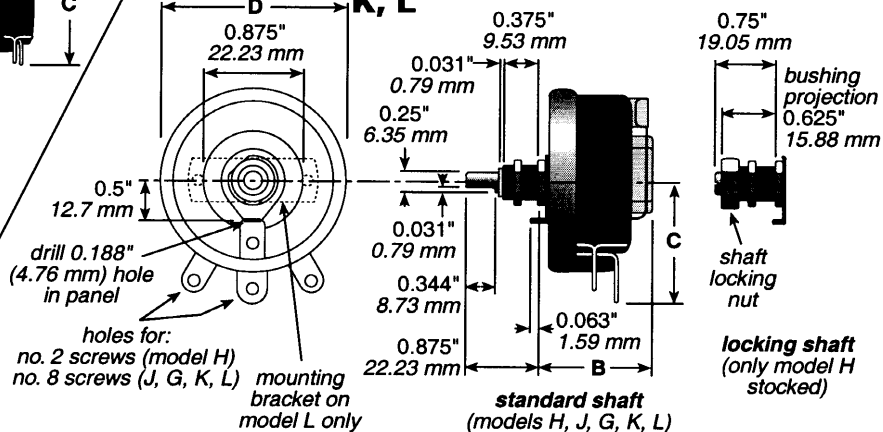
## Models P, N, R, U



Dimension "M"	Mounting: Panels to 1.25" (31.75mm) thick with 0.25-20 flat-head screws.
P 0.875" 22.23 mm	
N 1.188" 30.16 mm	
R 1.5" 38.1 mm	
U 3" 76.2 mm	

See page 39 for knobs, dials, and other hardware

## Models H, J, G, K, L



**Mounting:** Panels to 0.25" (6.35mm) thick with 0.375-32 bushing and hex nut (0.094" thick) (or with 10-32 x 0.75 F.H. screws for model L only).

Since all rheostats/potentiometers are electro-mechanical devices, they are subject to mechanical wear and, therefore, have a finite life.

Model	Type	Watts	Ohmic range	Core	Voltage (RMS)	Behind panel "B" (In./mm)	Diameter "D" (In./mm)	Dimension "C" (In./mm)	Shaft torque	Rotation (±5°)
E	RES/REL	12.5	1.0-15K	open	305	0.688/17.46	0.875/ 22.23	0.594/15.08	1-6 oz. in.	300°
H	RHS/RHL	25	1.0-25K	open	500	1.375/34.93	1.560/ 39.62	0.940/23.88	0.25-0.5 lb. in.	300°
J	RJS	50	0.5-50K	open	750	1.375/34.93	2.31 / 58.67	1.56 / 39.62	0.25-2 lb. in.	300°
G	RGS	75	0.5-50K	open	900	1.750/44.45	2.75 / 69.25	1.78 / 45.21	0.5-2 lb. in.	300°
K	RKS	100	0.5-50K	open	1000	1.750/44.45	3.125/ 79.38	1.91 / 48.51	0.5-2 lb. in.	300°
L	RLS	150	0.5-50K	open	1200	2.000/50.8	4.00 / 101.60	2.28 / 57.91	0.5-3 lb. in.	300°
P	RPS	225	1.0-30K	open	1300	2.125/53.98	5.00 / 127.00	2.97 / 75.44	2.5-4 lb. in.	310°
N	RNS	300	1.0-50K	open	1225	2.375/60.33	6.00 / 152.40	3.44 / 87.38	2.5-5 lb. in.	320°
R	RRS	500	1.0-20K	open	1450	2.125/53.98	8.00 / 203.20	4.31/109.47	4.5-7 lb. in.	325°
U	RUS	1000	1.0-20K	open	1600	3.000/76.2	12.00 / 304.80	6.38/162.05	3.5-7 lb. in.	335°
C	RCS/RCL	7.5	10.0-5K	enclosed	305	0.875/22.23	0.515/ 13.08	—	0.25-3 oz. in.	300°
E	REE	12.5	1.0-15K	enclosed	305	1.219/30.96	1.047/ 26.59	—	1-6 oz. in.	300°

- Models H, J, G, and K also available in enclosed versions.
- See Catalog #203 for complete details.

Made-to-order rheostats available: Contact nearest Ohmite sales office.

**STOCK PART NUMBERS FOR STANDARD RESISTANCE VALUES**

Ohmic value Part No. Prefix → Suffix ↓	7.5W Model C			12.5W Model E			25W Model H			50W Model J		75W Model G		100W Model K		150W Model L		225W Model P		300W Model N		500W Model R		1000W Model U	
	RCS Std. shaft Locking	RCL Locking	Amps max.	RES Std. shaft Locking	REL Locking	REE Enclosed	Amps max.	RHS Std. shaft Locking	RHL Locking	Amps max.	RJS Amps max.	RGS Amps max.	RKS Amps max.	RLS Amps max.	RPS Amps max.	RNS Amps max.	RRS Amps max.	RUS Amps max.							
0.5 ---R50										✓ 10.0	✦ 12.3	✓ 14.1	+ 17.3	✦ 15.0	+ 17.32	+ 22.3	+ 31.6								
1 ---1R0				+	✓	✦	3.53	✓	✦	5.00	✦ 8.66	+ 10	+ 12.3	✦ 10.6	✦ 12.24	+ 15.8	✓ 22.4								
1.5 ---1R5										✓ 5.00	✓ 6.12	✓ 7.07	✓ 8.65	✓ 10.6	✦ 12.24	+ 15.8	✓ 22.4								
2 ---2R0				✓	✓	✦	2.50	✓	✦	3.54	✓ 5.00	✓ 6.12	✓ 7.07	✓ 8.65	✓ 10.6	✦ 12.24	+ 15.8								
2.5 ---2R5				✦	✦	✦	2.24	✦	✦	2.04	✦ 3.16	+ 3.65	✦ 4.47	✦ 5.49	✦ 6.32	+ 10.0	✓ 12.9								
3 ---3R0				✦	✦	✓	2.04	+	✦	2.88	✦ 5.00	✦ 5.75	✦ 7.07	✦ 8.66	✓ 10.00	✓ 12.9	✓ 18.3								
4 ---4R0										✓ 3.53	✦ 5.00	✦ 5.75	✦ 7.07	✦ 8.66	✦ 8.66	✦ 11.2	✓ 15.8								
5 ---5R0				✦	✓	✦	1.58				✓ 3.88	✓ 4.47	+ 5.48	✓ 6.71	✓ 7.75	+ 10.0	+ 14.1								
6 ---6R0				✦	✦	✦	1.44	+	✓	2.04	✓ 3.16	+ 3.65	✦ 4.47	✦ 5.49	✦ 6.32										
7.5 ---7R5										✓ 2.50	✦ 2.74	+ 3.16	+ 3.88	✓ 4.74	✓ 5.48	✓ 7.90	✦ 11.2								
8 ---8R0				+	✦	✦	1.25	✓	✦	1.77	✦ 2.74	+ 3.16	+ 3.88	✓ 4.74	✓ 5.48	✓ 7.90	+ 10.0								
10 ---10R	✓	+	0.86	✓	✓	✦	1.12	+	✦	1.58	✦ 2.74	+ 3.16	+ 3.88	✓ 4.74	✓ 5.48	+ 6.30	✦ 8.95								
12 ---12R										✓ 2.04															
12.5 ---12R5																									
15 ---15R	✦	✓	0.71	✦	✓	✦	0.91	+	✓	1.29				+ 3.163	+ 3.87	+ 4.47									
16 ---16R										✓ 1.76	✦ 2.17	✓ 2.50				✓ 5.60	✓ 7.90								
22 ---22R										✓ 1.50	✦ 2.17	✓ 2.50													
25 ---25R	✓	✦	0.55	+	✓	✓	0.71	+	✦	1.00	✦ 1.73	✦ 2.0	✓ 2.450	+ 3.00	+ 3.46	+ 4.47	+ 6.33								
35 ---35R	✦	✦	0.46	✓	+	✦	0.60	+	✦	0.845	+	1.19	✓ 2.070			✦ 3.54									
40 ---40R																									
50 ---50R	✦	✓	0.39	✓	+	✦	0.50	+	✦	0.707	+	1.00	✓ 1.735	✓ 2.12	+ 2.45	✓ 3.16	+ 4.47								
75 ---75R	✓	✓	0.32	+	+	✦	0.40	+	✦	0.575	✦ 1.23	✓ 1.15	✓ 1.415	✓ 1.73	✓ 2.00	✓ 2.52	✦ 3.65								
80 ---80R										✓ 0.790	✦ 1.23	✓ 1.15	✓ 1.415	✓ 1.73	✓ 2.00	✓ 2.52									
100 ---100	+	✓	0.27	+	✦	✦	0.36	+	✓	0.500	✦ 0.866	+ 1.00	✓ 1.225	✓ 1.50	+ 1.73	+ 2.00	+ 3.16								
125 ---125				✓	✦	✦	0.32	✓	✦	0.445	+	0.630													
150 ---150	✦	✦	0.22	✦	✦	✦	0.29			+	0.575			✓ 1.000	✓ 1.22	✓ 1.41									
160 ---160																									
175 ---175				✓	✦	✦	0.27	✓	✓	0.375						✓ 1.69	✦ 2.39								
200 ---200	✦	✦	0.19	✦	+	✓	0.25				✦ 0.612	✓ 0.707	✓ 0.865	+ 1.06	+ 1.22		✦ 2.11								
225 ---225										+	0.470														
250 ---250	✓	✦	0.17	+	+	✦	0.22	+	✦	0.316			✓ 0.775			✓ 1.41	✓ 1.83								
300 ---300										✓ 0.408	✓ 0.500	✓ 0.575	✓ 0.655	+ 0.866	+ 1.00	✓ 1.24									
325 ---325													✓ 0.655												
350 ---350	✦	✦	0.15	✓	+	✦	0.19	✓	✓	0.267	✦ 0.433	✓ 0.500	✓ 0.750	+ 0.866			✦ 1.48								
400 ---400																									
500 ---500	+	✓	0.12	+	✦	✓	0.16	+	✓	0.222	+	0.316	✦ 0.388	✓ 0.447	+ 0.548		✓ 1.00	+ 1.41							
600 ---600																									
700 ---700														✓ 0.567	✓ 0.655										
750 ---750	✦	✦	0.10	✦	✦	✦	0.13	+	✦	0.182	✦ 0.316	✓ 0.365	✓ 0.447			✓ 0.817	✦ 1.15								
800 ---800										✓ 0.250															
900 ---900											✦ 0.176					✦ 0.500	✦ 0.578	✓ 0.707	✓ 1.00						
1000 ---1K0	✓	✓	0.086	+	✓	✦	0.10	+	✦	0.155	+	0.224	✦ 0.274	✓ 0.316		✓ 0.707	✓ 1.00								
1200 ---1K2																✓ 0.500									
1250 ---1K25														✓ 0.346											
1500 ---1K5	✦	✦	0.071	✓	✓	✦	0.090	+	✓	0.129	✦ 0.224	✓ 0.258		✦ 0.387	+ 0.447	✓ 0.577	✦ 0.816								
1600 ---1K6																									
1750 ---1K75															✦ 0.358	✦ 0.414									
1800 ---1K8															✦ 0.288										
2000 ---2K0											✦ 0.194	✦ 0.224		✦ 0.336	✦ 0.387	✦ 0.500									
2250 ---2K25														✓ 0.259											
2500 ---2K5	✓	✓	0.055	✓	✓	✦	0.070	+	✦	0.100	+	0.141	✦ 0.173	✓ 0.200		✦ 0.300	✓ 0.346	✦ 0.447	✦ 0.633						
3000 ---3K0															✦ 0.224										
3500 ---3K5	✦	✦	0.046	✦	✦	✓	0.060	+	✦	0.084	✓ 0.119														
4500 ---4K5																									
5000 ---5K0	✓	✓	0.039	✓	✦	✦	0.050	+	+	0.070	✓ 0.100	✓ 0.123	✓ 0.141												
7500 ---7K5				✦	✦	✓	0.041	✓	✦	0.058	✦ 0.100	✓ 0.115	✓ 0.141												
8000 ---8K0											✦ 0.079														
10000 ---10K				+	✦	✦	0.035	+	✦	0.050	+	0.070	✦ 0.087	✓ 0.100	✓ 0.122										
12500 ---12K5				✦	✦	✦	0.031																		
15000 ---15K				✦	✦	✦	0.029	✓	✦	0.041	✦ 0.058														
20000 ---20K								✦	✦	0.035	✦ 0.050														
25000 ---25K								✦	✦	0.032	✦ 0.045														
30000 ---30K											✦ 0.041														
40000 ---40K											✦ 0.035														
50000 ---50K											✓ 0.032														

+ = Most popular stock values  
 ✓ = Stock values  
 ✦ = Non-stock values subject to minimum handling charge per item  
 Rheostats are silicone-ceramic coated at and above the following ohmic values:  
 Model C: all                      Model G: 5000Ω  
 Model E: 3500Ω                  Model K: 7500Ω  
 Model H: 7500Ω                  Model L: 7500Ω  
 Model J: 15,000Ω