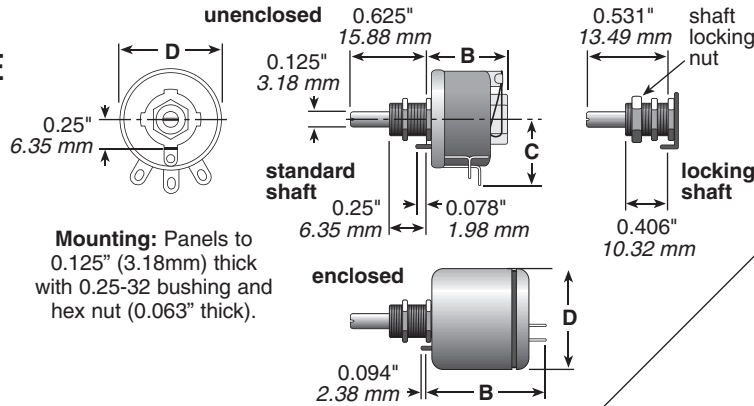


Rheostats

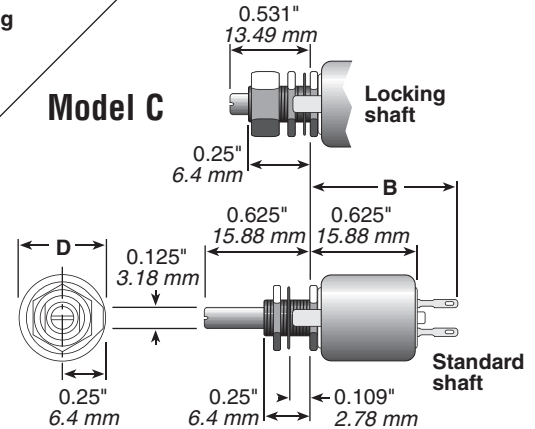
(Potentiometers) Wirewound

See page 78 for knobs, dials, and other hardware

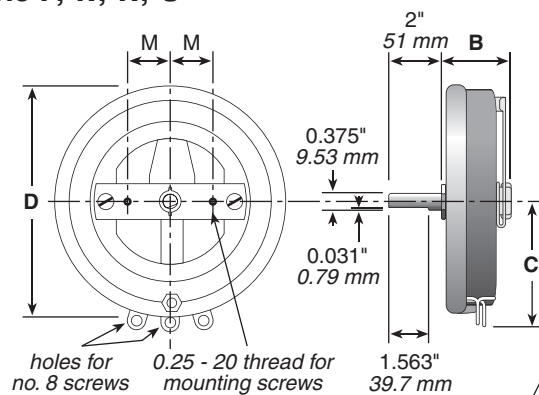
Model E



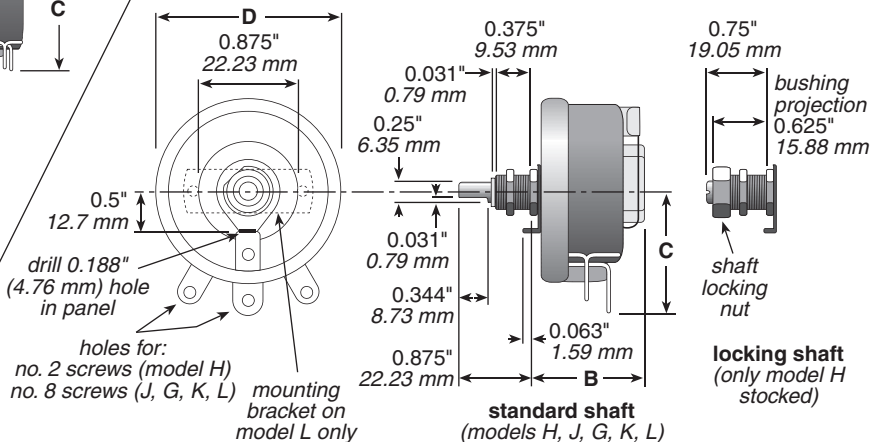
Model C



Models P, N, R, U



Models H, J, G, K, L



Dimensions for reference only; consult factory for details.

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.
0.5 —R50											✓ 10.0	✦ 12.3	✦ 14.1	✦ 17.3				
1 —1R0					✦ 3.53	✦ 3.53	3.53	✓ 5.00	✓ 7.07		✓ 7.07	✦ 8.66	✦ 10	✦ 12.3	✦ 15.0	✦ 17.32	✦ 22.3	✦ 31.6
1.5 —1R5																	✦ 18.2	✦ 25.8
2 —2R0					✓ 2.50	✦ 2.50	2.50	✓ 3.54			✓ 5.00	✦ 6.12	✦ 7.07	✦ 8.65	✦ 10.6	✦ 12.24	✦ 15.8	✦ 22.4
2.5 —2R5					✦ 2.24	✦ 2.24	2.24										✦ 14.1	✦ 20.0
3 —3R0					✦ 2.04	✦ 2.04	2.04	✦ 2.88	✦ 2.88			✦ 5.00	✦ 5.75	✦ 7.07	✦ 8.66	✦ 10.00	✦ 12.9	✦ 18.3
4 —4R0										✓ 3.53		✦ 3.88	✦ 4.47	✦ 5.48	✦ 6.71	✦ 7.75	✦ 11.2	✦ 15.8
5 —5R0					✦ 1.58	✦ 1.58	1.58		✦ 2.04	✦ 2.88							✦ 10.0	✦ 14.1
6 —6R0					✦ 1.44	✦ 1.44	1.44					✦ 3.16	✦ 3.65	✦ 4.47	✦ 5.49	✦ 6.32		
7.5 —7R5																		
8 —8R0					✦ 1.25	✦ 1.25	1.25	✓ 1.77	✓ 1.77	✓ 2.50	✓ 2.50						✦ 7.90	✦ 11.2
10 —10R	✦ 0.86	✦ 0.86	0.86		✓ 1.12	✦ 1.12	1.12	✦ 1.58	✦ 1.58		✓ 2.04	✦ 2.74	✦ 3.16	✦ 3.88	✦ 4.74	✦ 5.48		✦ 10.0
12 —12R																		
12.5 —12R5																	✦ 6.30	✦ 8.95
15 —15R	✦ 0.71	✦ 0.71	0.71		✦ 0.91	✦ 0.91	0.91	✦ 1.29	✦ 1.29					✦ 3.163	✦ 3.87	✦ 4.47		
16 —16R										✓ 1.76	✓ 1.76	✦ 2.17	✓ 2.50				✦ 5.60	✦ 7.90
22 —22R										✓ 1.50	✓ 1.50							
25 —25R	✦ 0.55	✦ 0.55	0.55		✦ 0.71	✦ 0.71	0.71	✦ 1.00	✦ 1.00			✦ 1.73	✦ 2.0	✦ 2.450	✦ 3.00	✦ 3.46	✦ 4.47	✦ 6.33
35 —35R	✦ 0.46	✦ 0.46	0.46		✓ 0.60	✦ 0.60	0.60	✦ 0.845	✦ 0.845	✦ 1.19	✦ 1.19			✦ 2.070				
40 —40R																	✦ 3.54	
50 —50R	✦ 0.39	✦ 0.39	0.39		✓ 0.50	✦ 0.50	0.50	✦ 0.707	✦ 0.707	✦ 1.00	✦ 1.00	✦ 1.23	✦ 1.41	✦ 1.735	✦ 2.12	✦ 2.45	✦ 3.16	✦ 4.47
75 —75R	✦ 0.32	✦ 0.32	0.32		✦ 0.40	✦ 0.40	0.40	✦ 0.575	✦ 0.575			✦ 1.00	✦ 1.15	✦ 1.415	✦ 1.73	✦ 2.00		✦ 3.65
80 —80R										✓ 0.790	✓ 0.790						✦ 2.52	
100 —100	✦ 0.27	✦ 0.27	0.27		✦ 0.36	✦ 0.36	0.36	✦ 0.500	✦ 0.500			✦ 0.866	✦ 1.00	✦ 1.225	✦ 1.50	✦ 1.73		✦ 3.16
125 —125					✓ 0.32	✓ 0.32	0.32	✓ 0.445	✦ 0.445	✦ 0.630	✦ 0.630						✦ 2.00	
150 —150	✦ 0.22	✦ 0.22	0.22		✦ 0.29	✦ 0.29	0.29			✦ 0.575	✦ 0.575			✦ 1.000	✦ 1.22	✦ 1.41		
160 —160																		
175 —175					✓ 0.27	✦ 0.27	0.27	✓ 0.375	✓ 0.375								✦ 1.69	✦ 2.39
200 —200	✦ 0.19	✦ 0.19	0.19		✦ 0.25	✦ 0.25	0.25					✦ 0.612	✦ 0.707	✦ 0.865	✦ 1.06	✦ 1.22		
225 —225									✦ 0.470	✦ 0.470								✦ 2.11
250 —250	✦ 0.17	✦ 0.17	0.17		✦ 0.22	✦ 0.22	0.22	✦ 0.316	✦ 0.316					✦ 0.775			✦ 1.41	
300 —300									✓ 0.408	✓ 0.408		✦ 0.500	✦ 0.575		✦ 0.866	✦ 1.00		✦ 1.83
325 —325																	✦ 1.24	
350 —350	✦ 0.15	✦ 0.15	0.15		✓ 0.19	✓ 0.19	0.19	✓ 0.267	✓ 0.267			✦ 0.433	✦ 0.500	✦ 0.655	✦ 0.750	✦ 0.866		✦ 1.48
400 —400																		
500 —500	✦ 0.12	✦ 0.12	0.12		✦ 0.16	✦ 0.16	0.16	✦ 0.222	✦ 0.222	✦ 0.316	✦ 0.316	✦ 0.388	✦ 0.447	✦ 0.548			✦ 1.00	✦ 1.41
600 —600																		
700 —700															✦ 0.567	✦ 0.655		
750 —750	✦ 0.10	✦ 0.10	0.10		✦ 0.13	✦ 0.13	0.13	✦ 0.182	✦ 0.182			✦ 0.316	✦ 0.365	✦ 0.447			✦ 0.817	✦ 1.15
800 —800									✓ 0.250	✓ 0.250								
900 —900															✦ 0.500	✦ 0.578		
1000 —1K0	✦ 0.086	✦ 0.086	0.086		✦ 0.10	✦ 0.10	0.10	✦ 0.155	✦ 0.155	✦ 0.224	✦ 0.224	✦ 0.274	✦ 0.316		✦ 0.433	✦ 0.500	✦ 0.707	✦ 1.00
1200 —1K2																		
1250 —1K25														✦ 0.346				
1500 —1K5	✦ 0.071	✦ 0.071	0.071		✓ 0.090	✓ 0.090	0.090	✦ 0.129	✦ 0.129			✦ 0.224	✦ 0.258		✦ 0.387	✦ 0.447	✦ 0.577	✦ 0.816
1600 —1K6										✦ 0.176	✦ 0.176							
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	✦ 0.055	0.055		✓ 0.070	✓ 0.070	0.070	✦ 0.100	✦ 0.100	✦ 0.141	✦ 0.141	✦ 0.173	✦ 0.200		✦ 0.300	✦ 0.346	✦ 0.447	✦ 0.633
3000 —3K0														✦ 0.224				
3500 —3K5	✦ 0.046	✦ 0.046	0.046		✦ 0.060	✦ 0.060	0.060	✦ 0.084	✓ 0.119	✓ 0.119	✓ 0.119							
4500 —4K5														✦ 0.182				
5000 —5K0	✦ 0.039	✦ 0.039	0.039		✓ 0.050	✓ 0.050	0.050	✦ 0.070	✓ 0.100	✓ 0.100	✓ 0.100	✦ 0.123	✦ 0.141					
7500 —7K5					✦ 0.041	✦ 0.041	0.041	✓ 0.058	✓ 0.058			✦ 0.100	✦ 0.115	✦ 0.141				
8000 —8K0										✦ 0.079	✦ 0.079							
10000 —10K					✦ 0.035	✦ 0.035	0.035	✦ 0.050	✦ 0.050	✦ 0.070	✦ 0.070	✦ 0.087	✦ 0.100	✦ 0.122				
12500 —12K5					✦ 0.031	✦ 0.031	0.031											
15000 —15K					✦ 0.029	✦ 0.029	0.029	✓ 0.041	✓ 0.041	✦ 0.058	✦ 0.058							
20000 —20K								✦ 0.035	✦ 0.035	✦ 0.050	✦ 0.050							
25000 —25K								✦ 0.032	✦ 0.032	✦ 0.045	✦ 0.045							
30000 —30K										✦ 0.041	✦ 0.041							
40000 —40K										✦ 0.035	✦ 0.035							
50000 —50K										✓ 0.032	✓ 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 E: 3500Ω
Model H: 7500Ω
Model J: 15,000Ω

Model G: 5000Ω
Model K: 7500Ω
Model L: 7500Ω

✦ = 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