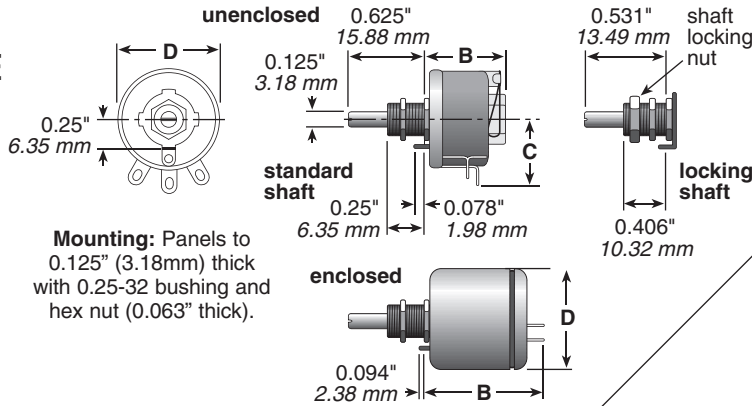


Rheostats

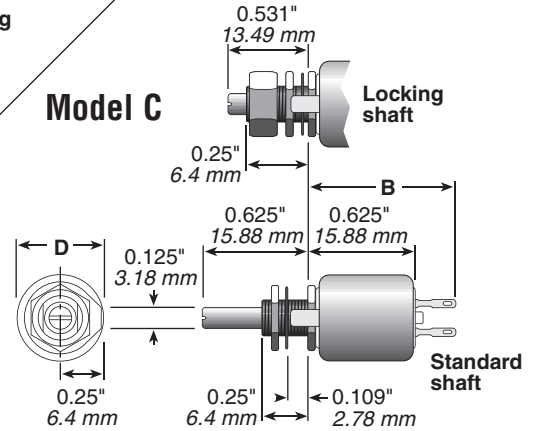
(Potentiometers) Wirewound

See page 78 for knobs, dials, and other hardware

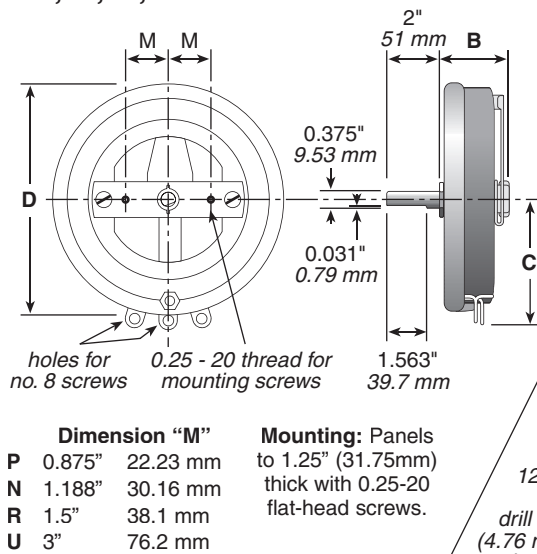
Model E



Model C

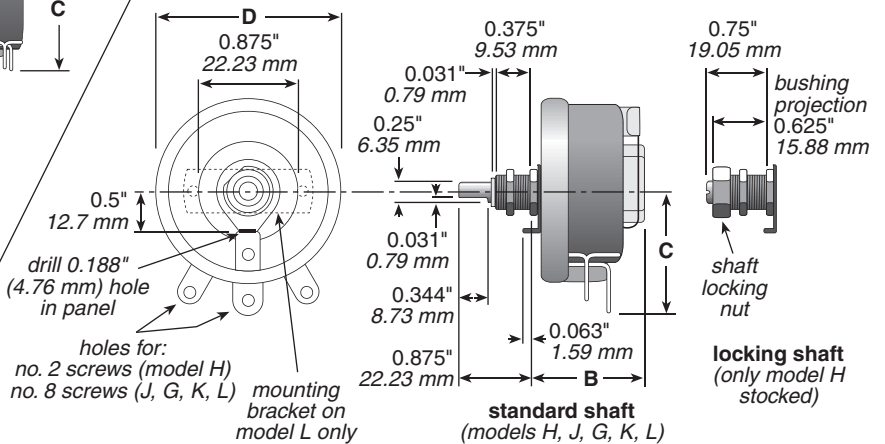


Models P, N, R, U



	Dimension "M"	
P	0.875"	22.23 mm
N	1.188"	30.16 mm
R	1.5"	38.1 mm
U	3"	76.2 mm

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.

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).

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	✓	✦	5.00	✓ 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	✓	✦	3.54	✓ 5.00	✦ 6.12	✦ 7.07	✦ 8.65	✦ 10.6	✦ 12.24	✦ 15.8	✦ 22.4
2.5 —2R5				✦	✦	✦	2.24										✦ 14.1	✦ 20.0
3 —3R0				✦	✦	✦	2.04	✦	✦	2.88		✦ 5.00	✦ 5.75	✦ 7.07	✦ 8.66	✦ 10.00	✦ 12.9	✦ 18.3
4 —4R0											✓ 3.53				✦ 7.50	✦ 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	✦ 2.88							
7.5 —7R5												✦ 3.16	✦ 3.65	✦ 4.47	✦ 5.49	✦ 6.32		
8 —8R0				✦	✦	✦	1.25	✓	✦	1.77	✓ 2.50						✦ 7.90	✦ 11.2
10 —10R	✦	✦	0.86	✓	✦	✦	1.12	✦	✦	1.58		✦ 2.74	✦ 3.16	✦ 3.88	✦ 4.74	✦ 5.48		✦ 10.0
12 —12R											✓ 2.04							
12.5 —12R5																	✦ 6.30	✦ 8.95
15 —15R	✦	✦	0.71	✦	✦	✦	0.91	✦	✦	1.29				✦ 3.163	✦ 3.87	✦ 4.47		
16 —16R											✓ 1.76						✦ 5.60	✦ 7.90
22 —22R											✓ 1.50							
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				
40 —40R																	✦ 3.54	
50 —50R	✦	✦	0.39	✓	✦	✦	0.50	✦	✦	0.707	✦ 1.00	✦ 1.23	✦ 1.41	✦ 1.735	✦ 2.12	✦ 2.45	✦ 3.16	✦ 4.47
75 —75R	✦	✦	0.32	✦	✦	✦	0.40	✦	✦	0.575		✦ 1.00	✦ 1.15	✦ 1.415	✦ 1.73	✦ 2.00	✦ 2.52	✦ 3.65
80 —80R											✓ 0.790							
100 —100	✦	✦	0.27	✦	✦	✦	0.36	✦	✦	0.500		✦ 0.866	✦ 1.00	✦ 1.225	✦ 1.50	✦ 1.73		✦ 3.16
125 —125				✓	✦	✦	0.32	✓	✦	0.445	✦ 0.630						✦ 2.00	
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		
225 —225											✦ 0.470							✦ 2.11
250 —250	✦	✦	0.17	✦	✦	✦	0.22	✦	✦	0.316				✦ 0.775			✦ 1.41	
300 —300											✓ 0.408	✦ 0.500	✦ 0.575		✦ 0.866	✦ 1.00		✦ 1.83
325 —325																	✦ 1.24	
350 —350	✦	✦	0.15	✓	✦	✦	0.19	✓	✦	0.267				✦ 0.655				
400 —400												✦ 0.433	✦ 0.500		✦ 0.750	✦ 0.866		✦ 1.48
500 —500	✦	✦	0.12	✦	✦	✦	0.16	✦	✦	0.222	✦ 0.316	✦ 0.388	✦ 0.447	✦ 0.548			✦ 1.00	✦ 1.41
600 —600															✦ 0.567	✦ 0.655		
700 —700																		
750 —750	✦	✦	0.10	✦	✦	✦	0.13	✦	✦	0.182		✦ 0.316	✦ 0.365	✦ 0.447			✦ 0.817	✦ 1.15
800 —800				✓	✦	✦	0.250											
900 —900															✦ 0.500	✦ 0.578		
1000 —1K0	✦	✦	0.086	✦	✦	✦	0.10	✦	✦	0.155	✦ 0.224	✦ 0.274	✦ 0.316		✦ 0.433	✦ 0.500	✦ 0.707	✦ 1.00
1200 —1K2																		
1250 —1K25														✦ 0.346				
1500 —1K5	✦	✦	0.071	✓	✦	✦	0.090	✦	✦	0.129		✦ 0.224	✦ 0.258	✦ 0.387	✦ 0.447	✦ 0.577	✦ 0.816	
1600 —1K6											✦ 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	✓	✦	✦	0.070	✦	✦	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														✦ 0.182				
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