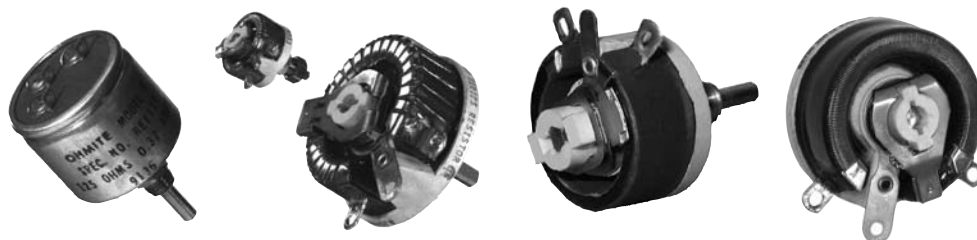


Rheostats

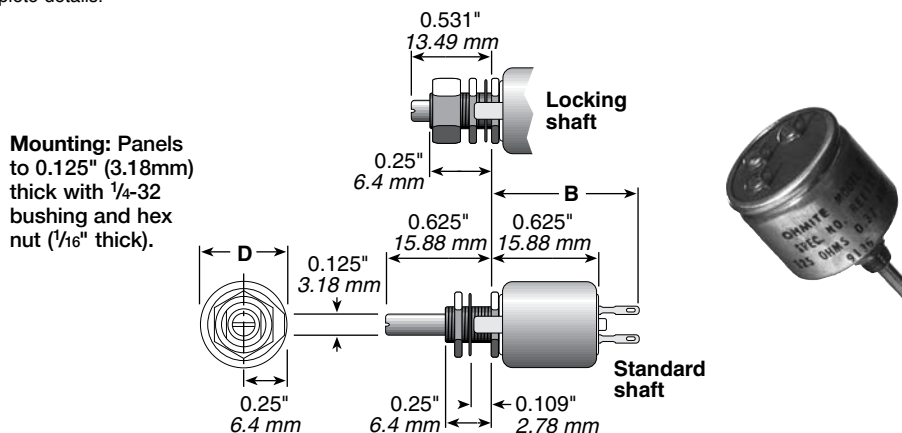
(Potentiometers) Wirewound



MODEL C

Model Type	Watts	Ohmic range	Core	Max. Voltage (RMS)*	Behind panel "B" (in./mm Ref.)	Diameter "D" (in./mm Ref.)	Dimension "C" (in./mm Ref.)	Shaft torque	Rotation (±5°)
C RCS/RCL	7.5	10.0-5K	enclosed	305	0.875/22.23	0.515/ 13.08	—	0.25-3 oz. in.	300°

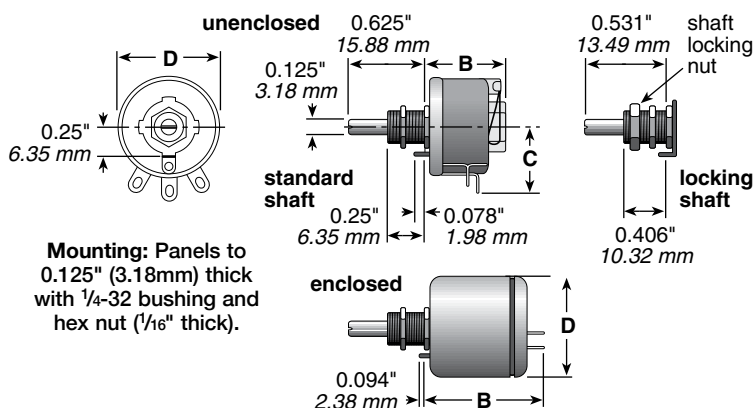
* See Catalog #203 for complete details.



MODEL E

Model Type	Watts	Ohmic range	Core	Max. Voltage (RMS)*	Behind panel "B" (in./mm Ref.)	Diameter "D" (in./mm Ref.)	Dimension "C" (in./mm Ref.)	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°
E REE	12.5	1.0-15K	enclosed	305	1.219/30.96	1.047/ 26.59	—	1-6 oz. in.	300°

* See Catalog #203 for complete details.



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.

Models H, J, K, L and N are listed under UL File No. E-10946 and CSA File No. 21309 unless noted otherwise.

All rheostats are 10% tolerance.

Rheostats

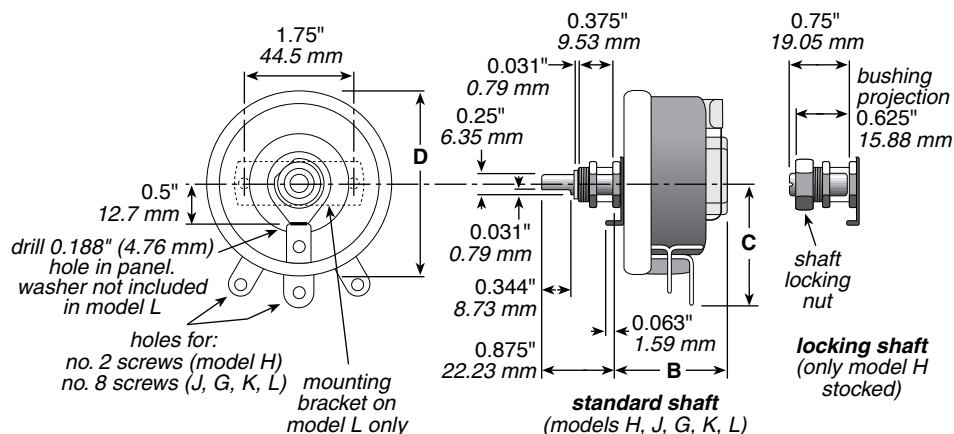
(Potentiometers) Wirewound

MODELS H, J, G, K, L

Model	Type	Watts	Ohmic range	Core	Max. Voltage (RMS)*	Behind panel "B" (in./mm Ref.)	Diameter "D" (in./mm Ref.)	Dimension "C" (in./mm Ref.)	Shaft torque	Rotation (±5°)
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°

• Models H, J, G, and K also available in enclosed versions.

• See Catalog #203 for complete details.

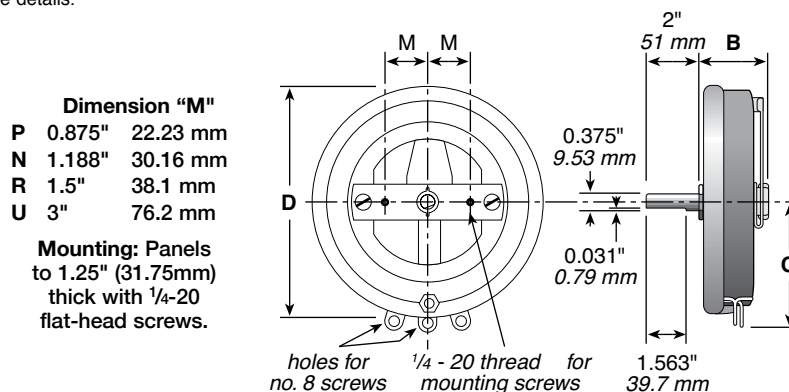


Mounting: Panels to 0.25" (6.35mm) thick with 3/8-32 bushing and hex nut (3/32" thick) (or with 10-32 x 0.75 flat-head screws for model L only).

MODELS P, N, R, U

Model	Type	Watts	Ohmic range	Core	Max. Voltage (RMS)*	Behind panel "B" (in./mm Ref.)	Diameter "D" (in./mm Ref.)	Dimension "C" (in./mm Ref.)	Shaft torque	Rotation (±5°)
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°

• See Catalog #203 for complete details.



(continued)

Rheostats

(Potentiometers) Wirewound

ORDERING INFORMATION

Code	Watts	Model	Shaft	Core
CL =	7.5	C	Locking	Enclosed
CS =	7.5	C	Standard	Enclosed
EE =	12.5	E	Locking	Open
EL =	12.5	E	Standard	Open
ES =	12.5	E	Standard	Open
GS =	75	G	Standard	Open
HL =	25	H	Locking	Open
HS =	25	H	Standard	Open
JS =	50	J	Standard	Open
KS =	100	K	Standard	Open
LS =	150	L	Standard	Open
NS =	300	N	Standard	Open
PS =	225	P	Standard	Open
RS =	500	R	Standard	Open
US =	1000	U	Standard	Open

Series —
Rheostats
Wirewound
Potentiometers

E = RoHS compliant

R C S R 5 0 E

*Check table for standard resistance values and maximum current values

Resistance Value*

Example:
R50 = 0.50Ω
1R0 = 1Ω
7R5 = 7.5Ω
250 = 250Ω
1K0 = 1,000Ω
1K75 = 1,750Ω
4K5 = 4,500Ω
50K = 50,000Ω

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

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

* Voltage rating dependent on resistance value.

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			
		Std. shaft	Locking	Amps max.	Std. shaft	Locking	Enclosed	Amps max.	Std. shaft	Locking	Amps max.	Std. shaft	Amps max.	Std. shaft	Amps max.	Std. shaft	Amps max.	Std. shaft	Amps max.	Std. shaft	Amps max.	Std. shaft	Amps max.	Std. shaft	Amps max.	Std. shaft	Amps max.	
0.5 —R50					✓	✓	✓	3.53	✓	✓	5.00	✓	10.0	✓	12.3	✓	14.1	✓	17.3	✓	15.0	✓	17.32	✓	22.3	✓	31.6	
1 —1R0												✓	7.07	✓	8.66	✓	10	✓	12.3				✓	18.2	✓	25.8		
1.5 —1R5																				✓	15.0			✓	15.8	✓	22.4	
2 —2R0					✓	✓	✓	2.50	✓	✓	3.54	✓	5.00	✓	6.12	✓	7.07	✓	8.65	✓	10.6	✓	12.24	✓	14.1	✓	20.0	
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			✓	4.47	✓	5.48	✓	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			✓	3.65	✓	4.47	✓	5.49	✓	6.32					
7.5 —7R5														✓	3.16	✓	3.65	✓	4.47	✓	5.49	✓	6.32					
8 —8R0					✓	✓	✓	1.25	✓	✓	1.77	✓	2.50							✓	4.74	✓	5.48	✓	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											✓	6.30	✓	8.95	
12.5 —12R5																		✓	3.163	✓	3.87	✓	4.47					
15 —15R		✓	✓	0.71	✓	✓	✓	0.91	✓	✓	1.29									✓	3.87	✓	4.47		✓	6.30	✓	8.95
16 —16R												✓	1.76		✓	2.17	✓	2.50						✓	5.60	✓	7.90	
22 —22R												✓	1.50											✓	5.60	✓	7.90	
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	✓	3.00	✓	3.46	✓	4.47	✓	6.33	
40 —40R																			✓	2.070				✓	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	✓	1.00	✓	1.15	✓	1.415	✓	1.73	✓	2.00	✓	3.16	✓	3.65	
80 —80R												✓	0.790											✓	2.52			
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							✓	0.865	✓	1.06	✓	1.22	✓	1.69	✓	2.39	
200 —200		✓	✓	0.19	✓	✓	✓	0.25						✓	0.612	✓	0.707	✓	0.865	✓	1.06	✓	1.22		✓	✓	2.39	
225 —225												✓	0.470												✓	✓	2.11	
250 —250		✓	✓	0.17	✓	✓	✓	0.22	✓	✓	0.316			✓	0.500	✓	0.575	✓	0.775	✓	0.866	✓	1.00	✓	1.41	✓	1.83	
300 —300												✓	0.408							✓	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		✓	0.817	✓	1.15
700 —700		✓	✓	0.10	✓	✓	✓	0.13	✓	✓	0.182			✓	0.316	✓	0.365	✓	0.447					✓	0.817	✓	1.15	
750 —750												✓	0.250															
800 —800																				✓	0.567	✓	0.655		✓	0.817	✓	1.15
900 —900																				✓	0.567	✓	0.655		✓	0.817	✓	1.15
1000 —1K0		✓	✓	0.086	✓	✓	✓	0.10	✓	✓	0.155	✓	0.224	✓	0.274	✓	0.316			✓	0.567	✓	0.655		✓	0.817	✓	1.15
1200 —1K2																				✓	0.567	✓	0.655		✓	0.817	✓	1.15
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	✓	0.288	✓	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												✓	0.119						✓	0.224								
3500 —3K5		✓	✓	0.046	✓	✓	✓	0.060	✓	✓	0.084	✓	0.119						✓	0.182								
4500 —4K5																			✓	0.182								
5000 —5K0		✓	✓	0.039	✓	✓	✓	0.050	✓	✓	0.070	✓	0.100	✓	0.123	✓	0.141				✓ = Standard values; check availability							
7500 —7K5					✓	✓	✓	0.041	✓	✓	0.058	✓	0.079	✓	0.100	✓	0.115	✓	0.141		Rheostats are silicone-ceramic coated at and							
8000 —8K0												✓	0.079								above the following ohmic values:							
10000 —10K					✓	✓	✓	0.035	✓	✓	0.050	✓	0.079	✓	0.087	✓	0.100	✓	0.122		Model C: all							
12500 —12K5					✓	✓	✓	0.031				✓	0.070								Model G: 5000Ω							
15000 —15K					✓	✓	✓	0.029	✓	✓	0.041	✓	0.058								Model E: 750Ω							
20000 —20K									✓	✓	0.035	✓	0.050								Model H: 2000Ω							
25000 —25K									✓	✓	0.032	✓	0.045								Model J: 5000Ω							
30000 —30K												✓	0.041															
40000 —40K												✓	0.035															
50000 —50K												✓	0.032															

✓ = Standard values; check availability
Rheostats are silicone-ceramic coated at and above the following ohmic values:
Model C: all
Model E: 750Ω
Model H: 2000Ω
Model J: 5000Ω
Model G: 5000Ω
Model K: 5000Ω
Model L: 7500Ω

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9