

Ohmite molded composition potentiometers are available in various models for applications in military devices, industrial equipment and in equipment requiring a convenient resistance control device.



Potentiometers

Molded composition

FEATURES

- Low noise, smooth operation
- In accordance with "Mil" RV4N, RV4L, RV6L, RV6N, 2RV7N types
- RoHS compliant; non-RoHS version unavailable.

SPECIFICATIONS

Electrical

Derating: linear from 100% at +70°C to 0% at +120°C

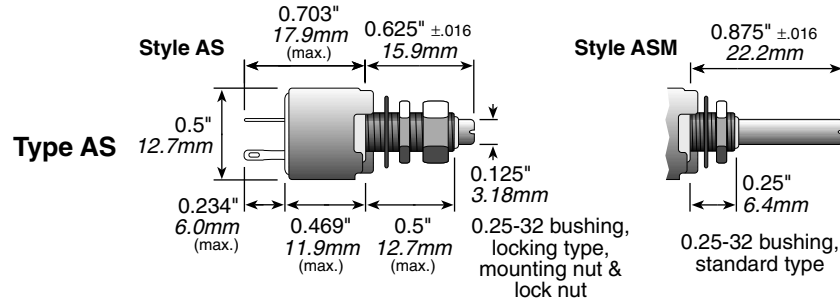
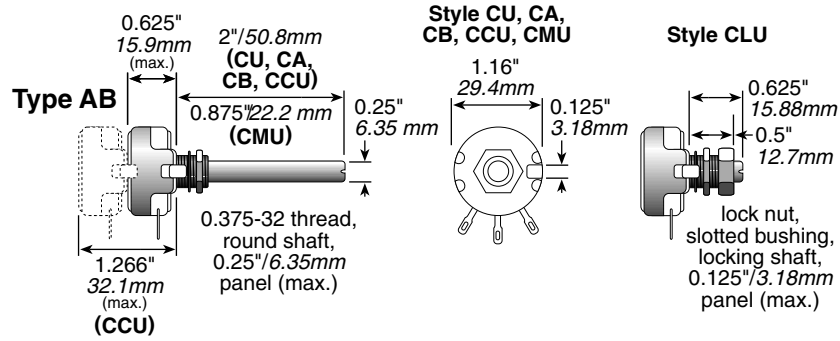
Operating temp. range: -55°C to 120°C

Material

Construction: Elements molded into a single, integral structure. Metal cover protects and shields the internal parts.

Sealing: synthetic resin containing non-mercurial fungicide

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



Model	Watts	Ohmic range	Behind panel (In./mm)	Diameter (In./mm)	Rotation	Voltage (RMS)
AS	0.5	50-5M	0.703/17.9	0.50/12.7	295° ±5°	350
ASM	0.5	50-5M	0.703/17.9	0.50/12.7	295° ±5°	350
CA	2.0	50-5M	0.625/15.9	1.16/29.4	312° ±3°	500
CB	2.0	50-5M	0.625/15.9	1.16/29.4	312° ±3°	500
CU	2.0	50-5M	0.625/15.9	1.16/29.4	312° ±3°	500
CCU	2.0	50-5M	1.266/32.1	1.16/29.4	312° ±3°	500
CLU	2.0	50-5M	0.625/15.9	1.16/29.4	312° ±3°	500
CMU	2.0	50-5M	0.625/15.9	1.16/29.4	312° ±3°	500

STANDARD PART NUMBERS FOR POTENTIOMETERS

Ohmic value	MIL Designation			Linear	Linear	CW log	CCW log	Linear	Linear Dual*	Linear	Linear
	Prefix	Suffix	Part No. Prefix Suffix								
50	500A	5001	✓	✓							
100	101A	1011	✓	✓						AS3601E	ASM6661E
150	151A	1511	✓	✓							
250	251A	2511	✓	✓						AS3602E	ASM6662E
350	351A	3511	✓	✓							
500	501A	5011	✓	✓						AS3603E	ASM6663E
750	751A	7511	✓	✓							
1,000	102A	1021	✓	✓						AS3604E	ASM6664E
1,500	152A	1521	✓	✓							
2,500	252A	2521	✓	✓						AS3605E	ASM6665E
3,500	352A	3521	✓	✓							
5,000	502A	5021	✓	✓						AS3606E	ASM6666E
7,500	752A	7521	✓	✓							
10,000	103A	1031	✓	✓						AS3607E	ASM6667E
15,000	153A	1531	✓	✓							
25,000	253A	2531	✓	✓						AS3608E	ASM6668E
35,000	353A	3531	✓	✓							
50,000	503A	5031	✓	✓						AS3609E	ASM6669E
75,000	753A	7531	✓	✓							
100,000	104A	1041	✓	✓						AS3610E	ASM6670E
150,000	154A	1541	✓	✓							
250,000	254A	2541	✓	✓						AS3611E	ASM6671E
350,000	354A	3541	✓	✓							
500,000	504A	5041	✓	✓						AS3612E	ASM6672E
750,000	754B	7542	✓	✓							
1,000,000	105B	1052	✓	✓						AS3613E	ASM6673E
1,500,000	155B	1552	✓	✓							
2,000,000	205B	2052	✓	✓						AS3684E	ASM6674E
2,500,000	255B	2552	✓	✓						AS3614E	ASM6675E
3,500,000	355B	3552	✓	✓							
5,000,000	505B	5052	✓	✓						AS3615E	ASM6676E

✓ = Standard values; check availability

* add "-E" for RoHS-compliant lead-free zinc-nickel plated product

Check product availability at www.ohmite.com