

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

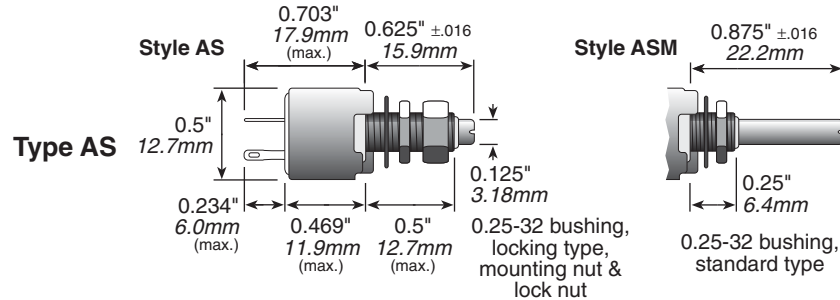
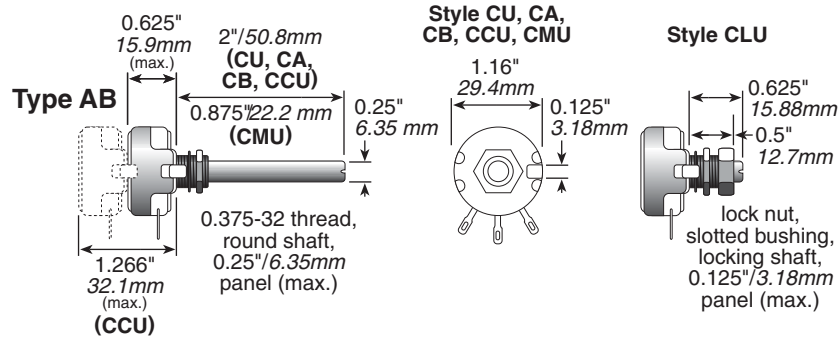
Operating temp. range: -55°C to 120°C

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 Prefix	MIL Designation Suffix	Part No. Prefix	Part No. Suffix	Ohmic value	MIL Designation Prefix	MIL Designation Suffix	Part No. Prefix	Part No. Suffix
50	500A	5001	✓	✓	50,000	503A	5031	✓	✓
100	101A	1011	✓	✓	75,000	753A	7531	✓	✓
150	151A	1511	✓	✓	100,000	104A	1041	✓	✓
250	251A	2511	✓	✓	150,000	154A	1541	✓	✓
350	351A	3511	✓	✓	250,000	254A	2541	✓	✓
500	501A	5011	✓	✓	350,000	354A	3541	✓	✓
750	751A	7511	✓	✓	500,000	504A	5041	✓	✓
1,000	102A	1021	✓	✓	750,000	754B	7542	✓	✓
1,500	152A	1521	✓	✓	1,000,000	105B	1052	✓	✓
2,500	252A	2521	✓	✓	1,500,000	155B	1552	✓	✓
3,500	352A	3521	✓	✓	2,000,000	205B	2052	✓	✓
5,000	502A	5021	✓	✓	2,500,000	255B	2552	✓	✓
7,500	752A	7521	✓	✓	3,500,000	355B	3552	✓	✓
10,000	103A	1031	✓	✓	5,000,000	505B	5052	✓	✓
15,000	153A	1531	✓	✓					
25,000	253A	2531	✓	✓					
35,000	353A	3531	✓	✓					

✓ = Standard values; check availability

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

Check product availability at www.ohmite.com