

Potentiometers

Molded composition



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.

FEATURES

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



SERIES SPECIFICATIONS

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° $\pm 5^\circ$	350
ASM	0.5	50-5M	0.703/17.9	0.50/12.7	295° $\pm 5^\circ$	350
CA	2.0	50-5M	0.625/15.9	1.16/29.4	312° $\pm 3^\circ$	500
CB	2.0	50-5M	0.625/15.9	1.16/29.4	312° $\pm 3^\circ$	500
CU	2.0	50-5M	0.625/15.9	1.16/29.4	312° $\pm 3^\circ$	500
CCU	2.0	50-5M	1.266/32.1	1.16/29.4	312° $\pm 3^\circ$	500
CLU	2.0	50-5M	0.625/15.9	1.16/29.4	312° $\pm 3^\circ$	500
CMU	2.0	50-5M	0.625/15.9	1.16/29.4	312° $\pm 3^\circ$	500

CHARACTERISTICS

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

Operating temp. range -55°C to 120°C

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

Sealing synthetic resin containing non-mercurial fungicide

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

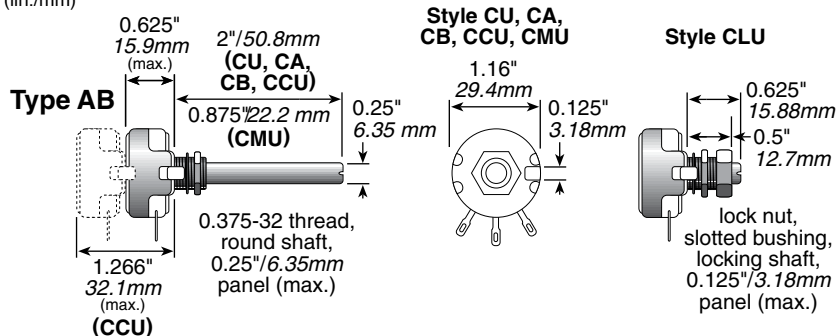
(continued)

Potentiometers

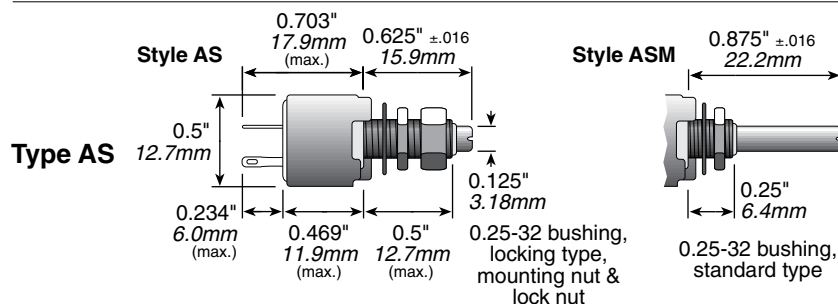
Molded composition

DIMENSIONS

(iin./mm)



Model	Watts	Behind panel	Diameter	Rotation
AS	0.5	0.703/17.9	0.50/12.7	295° ±5°
ASM	0.5	0.703/17.9	0.50/12.7	295° ±5°
CA	2.0	0.625/15.9	1.16/29.4	312° ±3°
CB	2.0	0.625/15.9	1.16/29.4	312° ±3°
CU	2.0	0.625/15.9	1.16/29.4	312° ±3°
CCU	2.0	1.266/32.1	1.16/29.4	312° ±3°
CLU	2.0	0.625/15.9	1.16/29.4	312° ±3°
CMU	2.0	0.625/15.9	1.16/29.4	312° ±3°



ORDERING INFORMATION

Ohmic value	MIL Designation Prefix Suffix	Part No. Prefix Suffix	Linear	Linear	CW log	CCW log	Linear	Linear Dual	Linear	Linear
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	✓	✓			✓			

Ohmic value	MIL Designation Prefix Suffix	Part No. Prefix Suffix	Linear	Linear	CW log	CCW log	Linear	Linear Dual	Linear	Linear
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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Ohmite:

[66475-50](#) [59640-150](#) [CMU2511E](#) [CMU3531E](#) [ASM6663E](#) [AS3601E](#) [AS3602E](#) [AS3603E](#) [AS3604E](#) [AS3605E](#)
[AS3606E](#) [AS3607E](#) [AS3608E](#) [AS3609E](#) [AS3610E](#) [AS3611E](#) [AS3612E](#) [AS3613E](#) [AS3614E](#) [AS3615E](#) [AS3684E](#)
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[CLU5041E](#) [CLU5052E](#) [CLU7511E](#) [CLU7521E](#) [CLU7531E](#) [CLU7542E](#) [CMU1011E](#) [CMU1021E](#) [CMU1031E](#)
[CMU1041E](#) [CMU1052E](#) [CMU1511E](#) [CMU1521E](#) [CMU1531E](#) [CMU1541E](#) [CMU1552E](#) [CMU2052E](#) [CMU2521E](#)
[CMU2531E](#) [CMU2541E](#) [CMU2552E](#) [CMU3511E](#) [CMU3521E](#) [CMU3541E](#) [CMU3552E](#) [CMU5001E](#) [CMU5011E](#)
[CMU5021E](#) [CMU5041E](#) [CMU5052E](#) [CMU7511E](#) [CMU7521E](#) [CMU7531E](#) [CMU7542E](#)