

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.

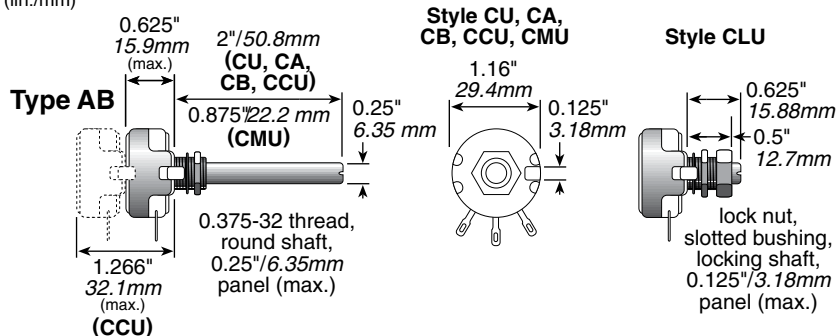
(continued)

Potentiometers

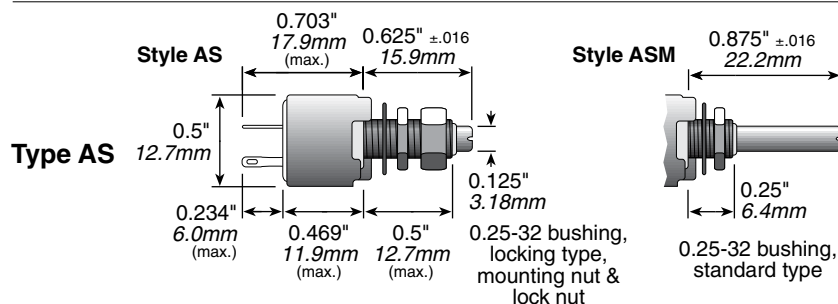
Molded composition

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			Linear	Linear	CW log	CCW log	Linear	Linear Dual	Linear	Linear
	Prefix	Suffix	Part No.								
	Prefix	Suffix	Part No.	CMU	CU	CA	CB	CLU	CCU	RV6LAYSA	RV6NAVSD
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