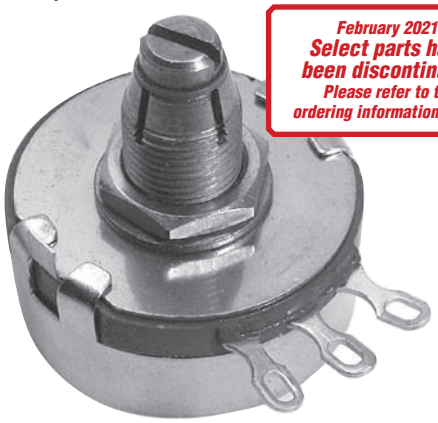
Potentiometers

Molded composition



February 2021:
Select parts have been discontinued.
Please refer to the ordering information below.

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

✖ =Discontinued

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)

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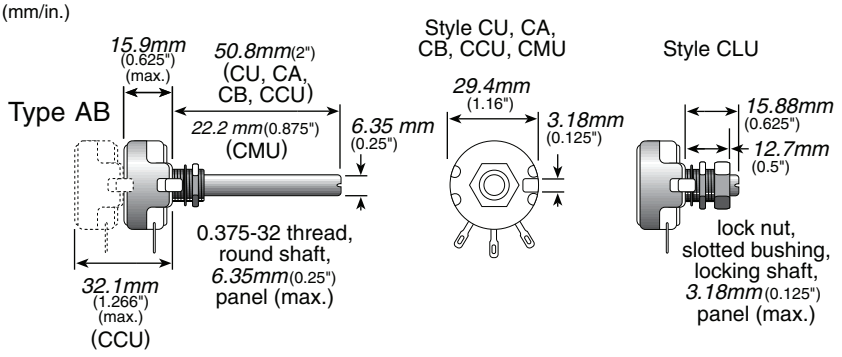
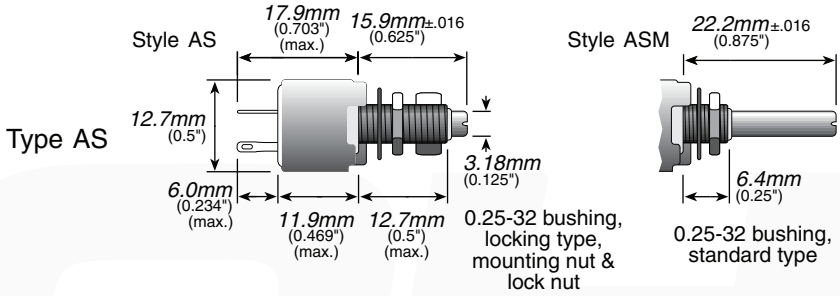
DIMENSIONS

(mm/in.)





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CMU	2.0	15.9/0.625	29.4/1.16	312° ±3°

ORDERING INFORMATION

Ohmic value	MIL Designation Prefix	MIL Designation Suffix	Part No. Prefix	Part No. Suffix	CMU RV4NAYSD Linear	CU RV4NAYSJ Linear	CA RV4NAYSJ CW log	CB RV4NAYSJ CCW log	CLU RV4LAYSA Linear	CCU 2RV7NYSJ Linear Dual*	RV6LAYSA Linear	RV6NAYSD 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			✖	✖			✖			
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			✖	✖	✓		✖			✖ ASM6675E
3,500,000	355B	3552			✖	✖			✖			
5,000,000	505B	5052			✖	✖			✖		✖ AS3615E	✖ ASM6676E

✓ = Standard values; check availability
✖ = Discontinued
*add "-E" for RoHS-compliant lead-free zinc-nickel plated product

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