

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

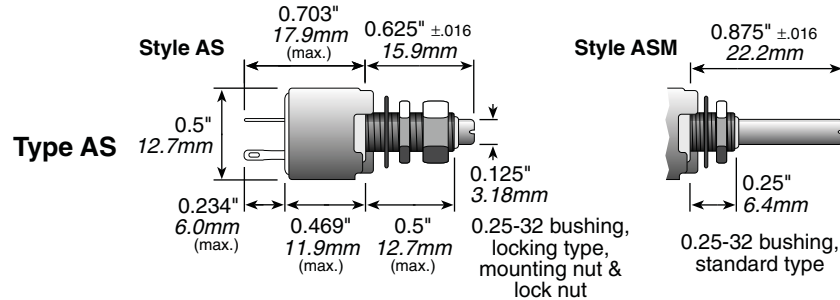
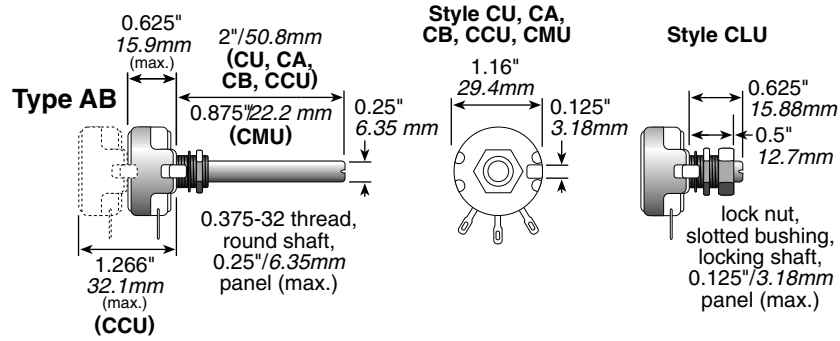
Operating temp. range: -55°C to 120°C

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										Ohmic value	MIL Designation															
	Prefix	Suffix	Part No. Prefix	Suffix	CMU	CJ	CA	CB	CLU	CCU		RV6LAYSA	RV6MAYSD	Prefix	Suffix	Part No. Prefix	Suffix	CMU	CJ	CA	CB	CLU	CCU	RV6LAYSA	RV6MAYSD		
50	500A	5001	✓	✓	✓	✓	✓	✓	✓	✓			50,000	503A	5031	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3609E	ASM6669E
100	101A	1011	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E	AS3601E
150	151A	1511	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E
250	251A	2511	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E
350	351A	3511	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E	AS3602E
500	501A	5011	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E
750	751A	7511	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E	AS3603E
1,000	102A	1021	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E
1,500	152A	1521	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E	AS3604E
2,500	252A	2521	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E
3,500	352A	3521	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E	AS3605E
5,000	502A	5021	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E
7,500	752A	7521	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E	AS3606E
10,000	103A	1031	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E
15,000	153A	1531	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E	AS3607E
25,000	253A	2531	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E
35,000	353A	3531	✓	✓	✓	✓	✓	✓	✓	✓	✓	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E	AS3608E

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

Check product availability at www.ohmite.com