

Potentiometers

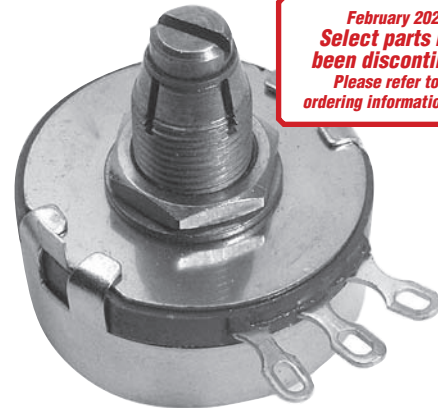
Molded composition



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.



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

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.

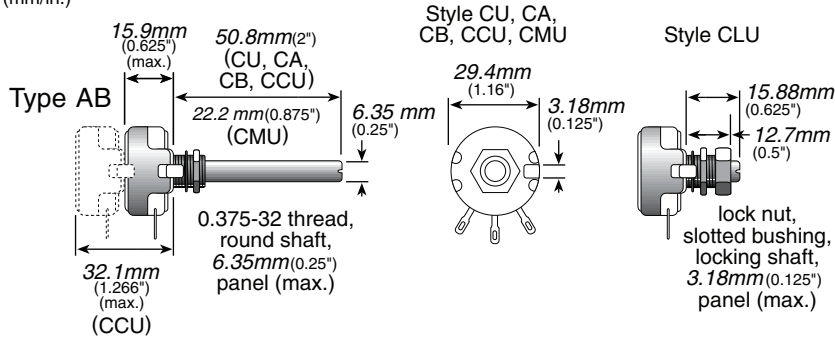
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Potentiometers

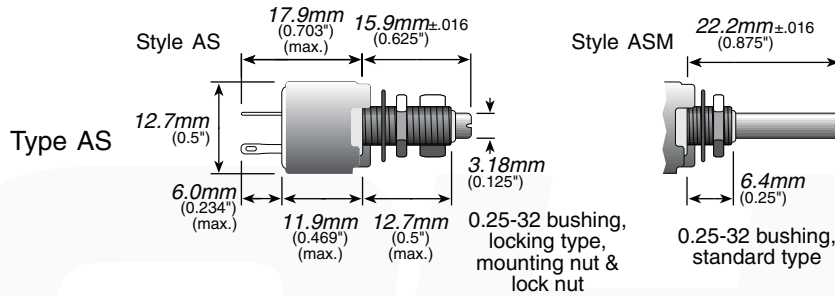
Molded composition

DIMENSIONS

(mm/in.)



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



ORDERING INFORMATION

Ohmic value	MIL Designation																		
	Prefix	Suffix	Part No. Prefix	Part No. Suffix	CMU	CU	CA	CB	CLU	CCU	RV6LAYSA	RV6NAYSJ	RV6NAYSJ	RV6NAYSJ	RV6NAYSJ	RV6NAYSJ	RV6NAYSJ	RV6NAYSJ	
50	500A	5001	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
100	101A	1011	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
150	151A	1511	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
250	251A	2511	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
350	351A	3511	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
500	501A	5011	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
750	751A	7511	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1,000	102A	1021	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
1,500	152A	1521	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
2,500	252A	2521	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
3,500	352A	3521	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
5,000	502A	5021	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
7,500	752A	7521	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
10,000	103A	1031	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
15,000	153A	1531	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
25,000	253A	2531	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
35,000	353A	3531	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*

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