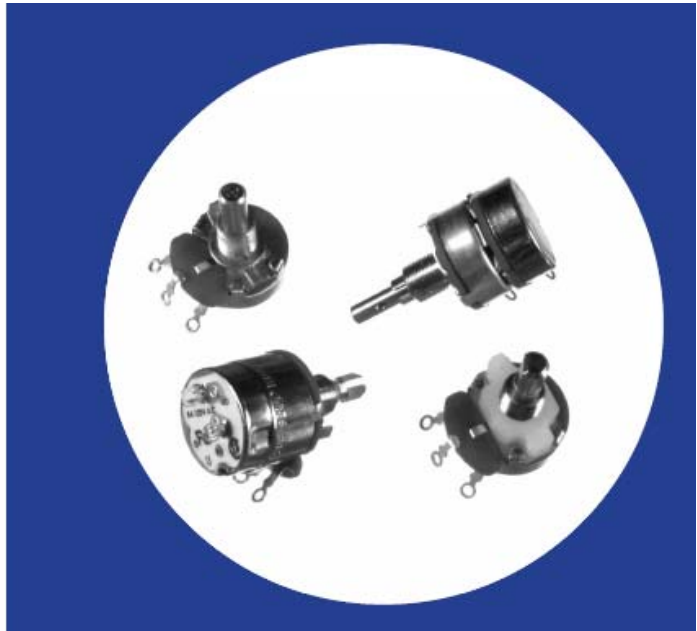


MAIN ELECTRONIC SUPPLIES LTD

Commercial 15/16" (24mm) Diameter, 5-Watt, Wirewound Variable Resistors

- Fully enclosed construction
- 5-watt power rating
- Compact size
- Superior resistance stability
- Tandem constructions available
- Economical
- Bushing or twist tab mounting
- Available with pull-push and rotary power switches
- 3% maximum linearity



Electrical and Mechanical Specifications

Resistance Range

Linear: 1 ohm through 25K ohms
Audio: 20 ohms through 10K ohms

Resistance Tolerance

Standard: $\pm 10\%$
Special: Tighter tolerance available in most resistance values

Power Rating, Watts

5 watts @25°C, 4watts@55°C, derated to no load at 105°C, linear taper, bushing mounted control on steel panel 4" x 4" x .050" (101.6mm x 101.6mm x 1.27mm). (Derating required on two section controls.)

Voltage Rating

Bushing to Terminals:
High pot test, one minute -- 1,000 VAC
Operating maximum -- 500 VDC
Across End Terminals:
350 VDC maximum, load not to exceed wattage rating.

Operating Temperature

-10°C to +70°C

Resistance Tapers

Standard: Linear, 15% audio
Special: Consult factory

Taps

One tap at 50% of resistance and rotation available on resistance values under 5K ohms.

Power Switches

Available in most constructions.

Angle of Rotation

Total Rotation:
Without switch -- $300^\circ \pm 5$
With switch -- $300^\circ \pm 5$
Effective Rotation:
Without switch -- 280° approximate
With switch -- 265° approximate

Turning Torque

0.75 to 6.0 IN.OZ. (45 to 360 g-cm)

Stop strength

Typical 8 to 15 Kg-cm (material dependent)



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