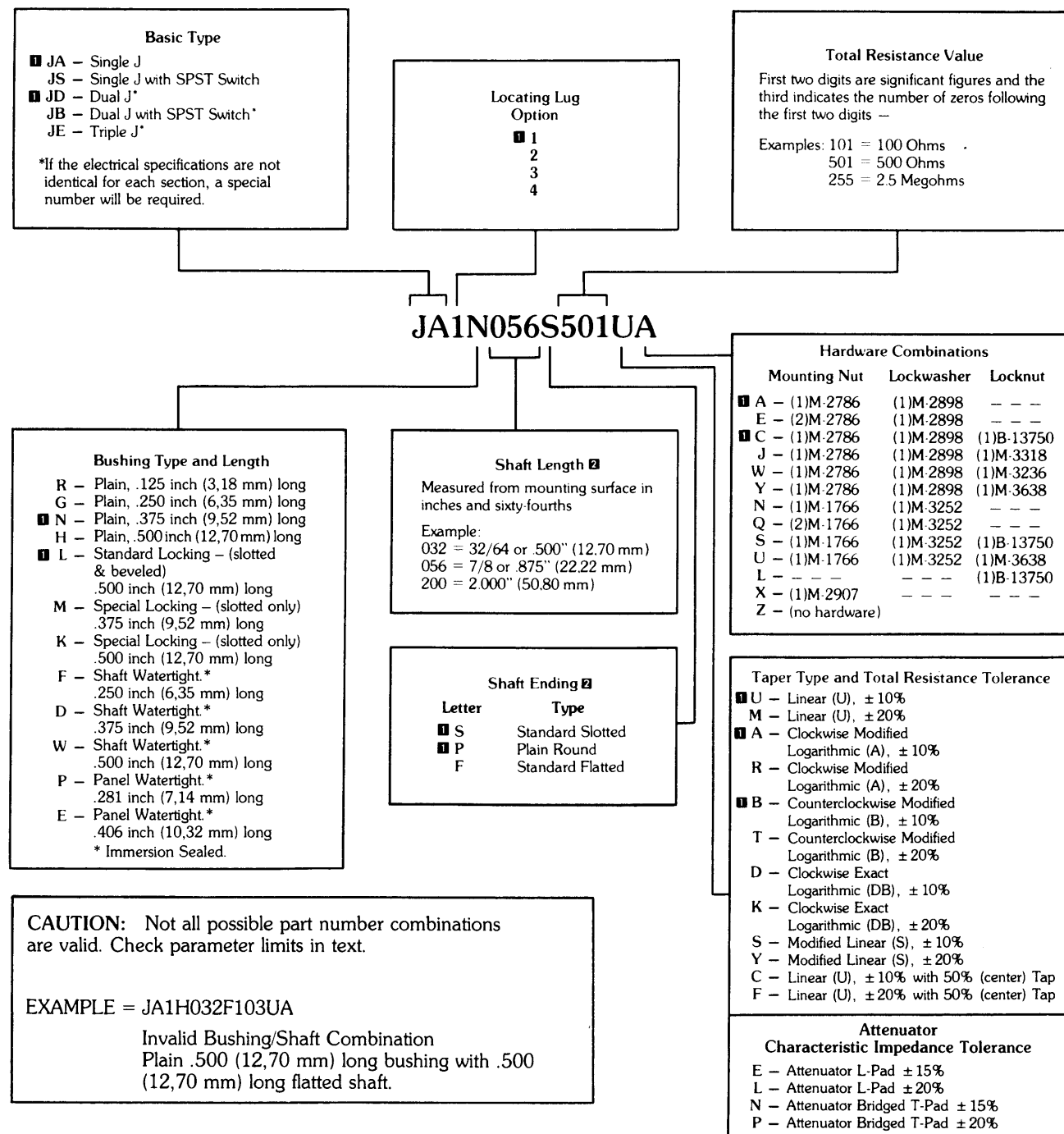


Hot-Molded Panel Potentiometers

Explanation of Part Numbers



① THESE CONFIGURATIONS ARE AVAILABLE AS A SPECIAL ORDER ONLY.

② CONCENTRIC AND SPECIAL SHAFTS REQUIRE SPECIAL PART NUMBERS ISSUED BY THE FACTORY.

1 Dual J potentiometers have the **same** resistance value and taper in each element.

2 "Code" as listed in the table above represents the Clarostat potentiometer part number in three segments. The listings in the horizontal row to the right of the "Code" heading are the prefix. The listings in the vertical column below the "Code" heading are the middle segment. The letter representing the taper, listed in the top horizontal row, is the suffix. All three segments must be added together to form a part number. Refer to Page 194 for additional Explanation of Part Numbers.

Available Catalog Order Number Values

Available Special Order Number Values

Ordering Information

Type J

TABLE 1 - BUSHING/RESISTANCE/TAPER COMBINATIONS

Taper		"U" Linear Taper				Non-Linear	
						"A"	"B"
Bushing Length, Inches		1/4	3/8	1/2	2nd-3rd Decks	3/8	3/8
Bushing Type		Plain	Plain	Lock.		Plain	Plain
Resistance (ohms)	Code						
100	101	—	—	—	—	*	*
1,000	102	—	—	—	—	—	—
10,000	103	—	—	—	—	—	—
100,000	104	—	—	—	—	—	—
1,000,000	105	—	—	—	—	—	—
150	151	—	—	—	—	*	*
1,500	152	—	—	—	—	—	—
15,000	153	—	—	—	—	—	—
150,000	154	—	—	—	—	—	—
200	201	—	—	—	—	*	*
2,000	202	—	—	—	—	—	—
20,000	203	—	—	—	—	—	—
200,000	204	—	—	—	—	—	—
2,000,000	205	—	—	—	—	—	—
250	251	—	—	—	—	—	—
2,500	252	—	—	—	—	—	—
25,000	253	—	—	—	—	—	—
250,000	254	—	—	—	—	—	—
2,500,000	255	—	—	—	—	—	—
350	351	—	—	—	—	—	—
3,500	352	—	—	—	—	—	—
35,000	353	—	—	—	—	—	—
350,000	354	—	—	—	—	—	—
3,500,000	355	—	—	—	—	—	—
50	500	—	—	—	—	*	*
500	501	—	—	—	—	—	—
5,000	502	—	—	—	—	—	—
50,000	503	—	—	—	—	—	—
500,000	504	—	—	—	—	—	—
5,000,000	505	—	—	—	—	—	—
750	751	—	—	—	—	—	—
7,500	752	—	—	—	—	—	—
75,000	753	—	—	—	—	—	—
750,000	754	—	—	—	—	—	—

TABLE 2 - BUSHING/SHAFT LENGTH COMBINATIONS

Bushing Length Inches		1/4		3/8		1/2	
		Plain	Slot.	Plain	Slot.	Plain	Slot.
Shaft Length (Inches)	Code						
3/8	024	*	—	*	*	*	*
1/2	032	—	—	*	—	*	*
5/8	040	—	—	—	—	*	A
3/4	048	—	—	—	—	—	—
7/8	056	—	—	—	—	—	—
1	100	—	—	—	—	—	—
1-1/4	116	—	—	—	—	—	—
2	200	—	—	—	—	—	—

— = Available as a Special Order only. Contact factory for information.
* = Not Available.

1. Type (Single, dual or triple).
2. Taper (each element on multi-section controls).
3. Total resistance value (each element on multi-section controls) in ohms.
4. Bushing type (plain, locking, shaft watertight, or panel and shaft watertight).
5. Bushing length in inches.
6. Shaft ending (plain, slotted, flattened, or special).
7. Shaft length from mounting surface in inches.
8. Switch required?
9. Locating lug option (1,2,3 or 4).
10. Mounting hardware (A-B Standard or Other).
11. Part number you have assigned, if any.
12. Marking required on the part.
13. Special features.* (Includes concentric shafts, non-standard tapers, etc.)

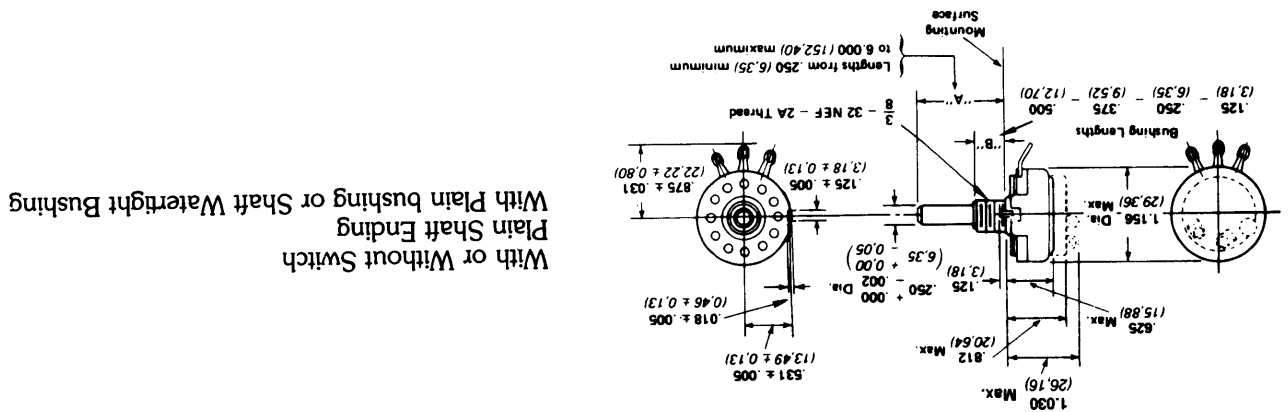
*Forward complete detailed specifications to the factory.

Cross-Reference Guide

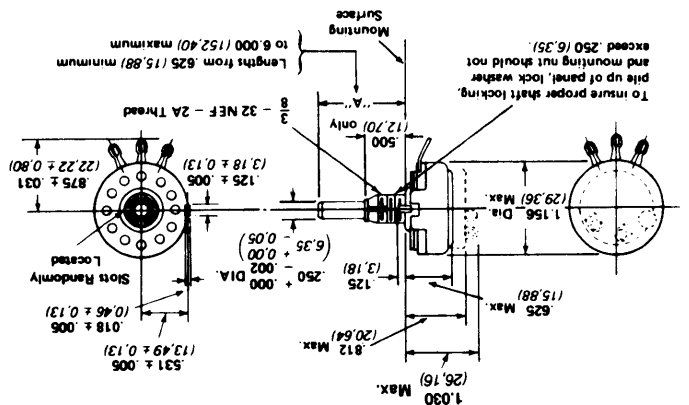
Description	A-B Type J	Clarostat Type 380	PEC Type K	Panasonic Type EV/EW
Single	■	■	■	■
Single w/Switch	■	■	■	
Dual Tandem	■	■	■	■
Dual w/Switch	■	■	■	
Triple Tandem	■	■	■	■
Concentric	■	■		■
MIL RV4	■	■	■	
MIL 2RV7	■	■	■	

■ = Available.

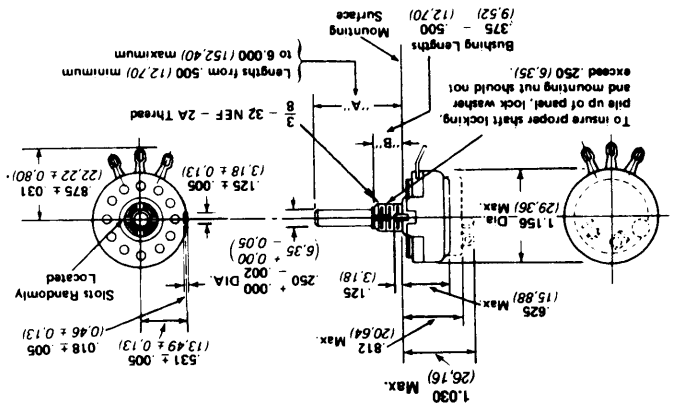
DIMENSIONS



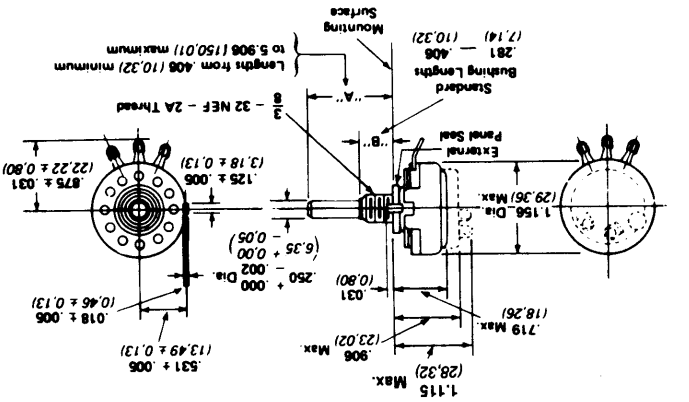
With or Without Switch
Plain Shaft Ending
With Plain bushing or Shaft Watertight Bushing



With or Without Switch
Plain Shaft Ending
With Standard Locking Bushing



With or Without Switch
Plain Shaft Ending
With Special Locking Bushing
(For Use with Jam Nut M-3638)

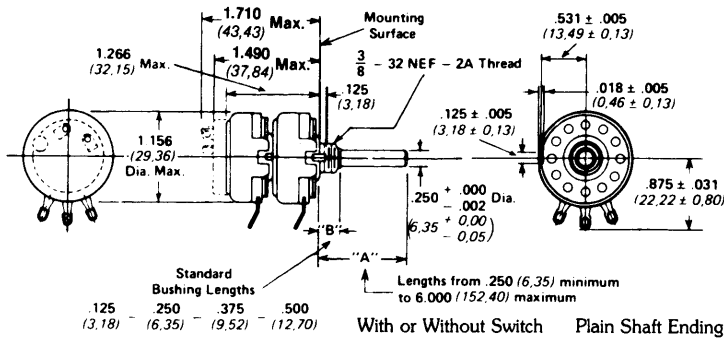


With or Without Switch
Plain Shaft Ending
With Panel Watertight Bushing

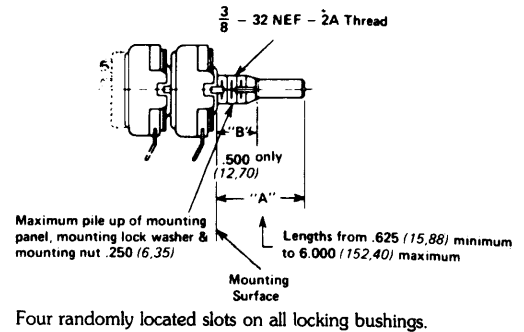
DIMENSIONS

Dual Section Resistors

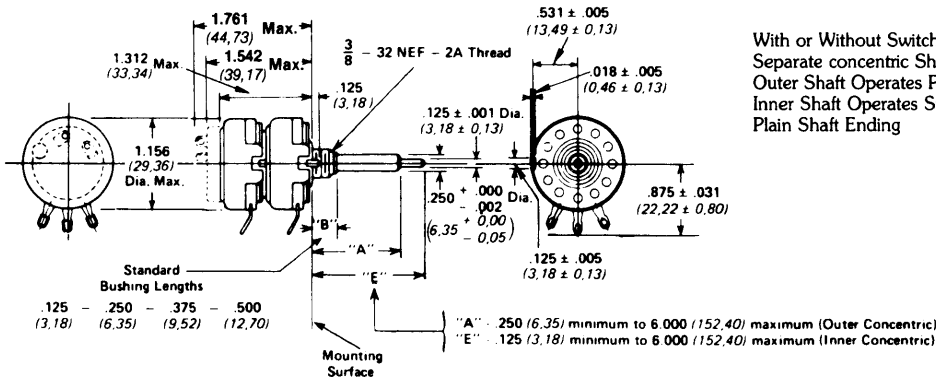
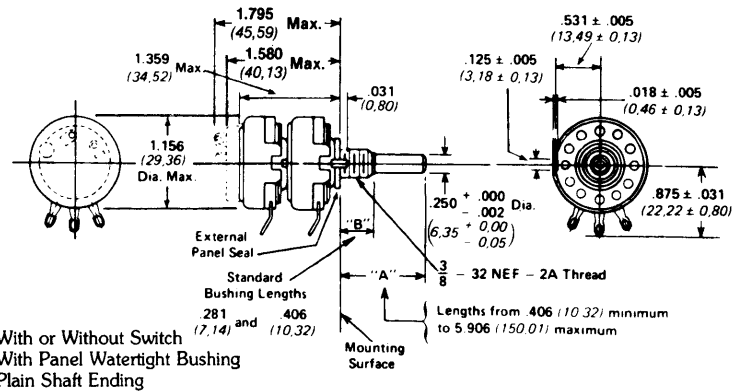
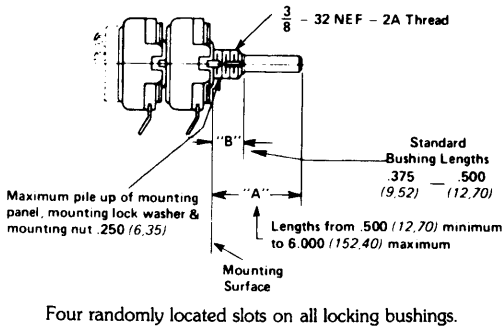
Plain or Shaft Watertight Bushing



Standard Locking Bushing

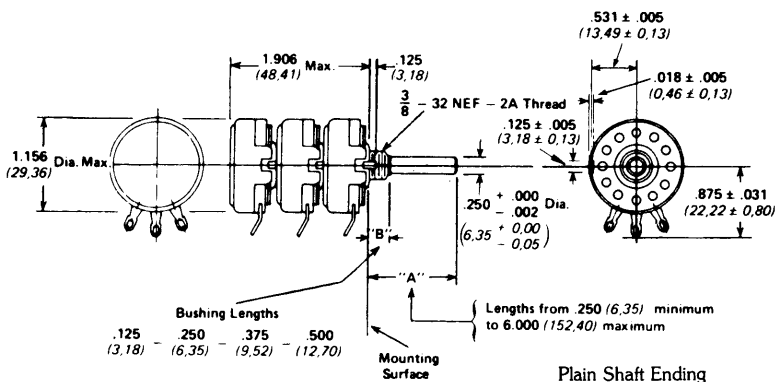


Special Locking Bushing (For Use with Jam Nut M-3638)

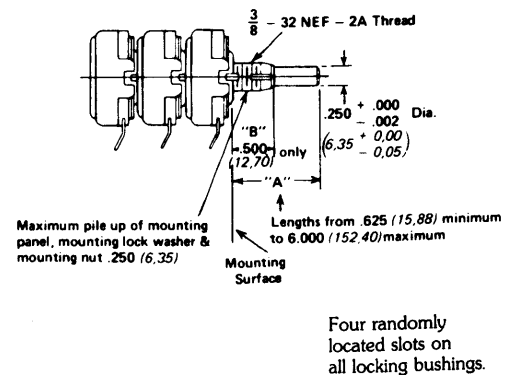


Triple Section Resistors

Plain or Shaft Watertight Bushing

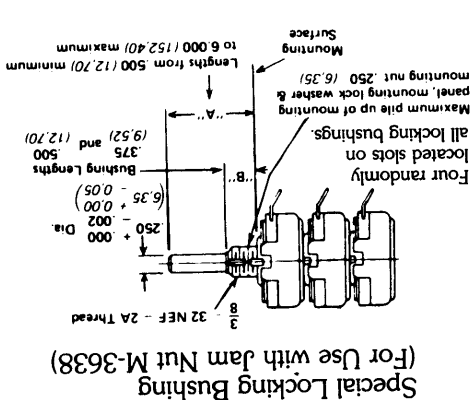
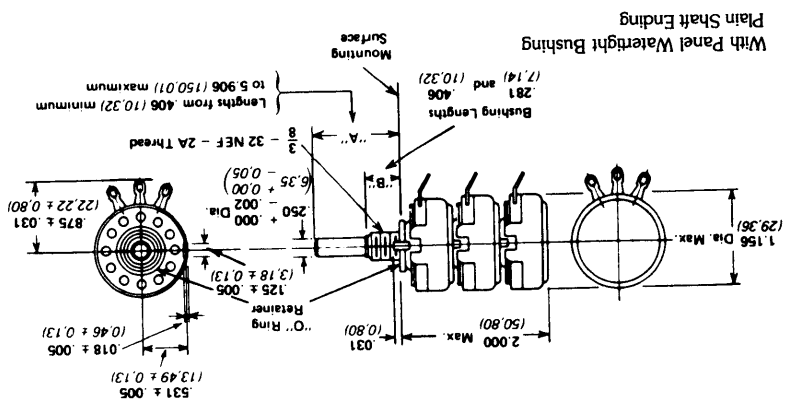


Standard Locking Bushing



DIMENSIONS

Triple Section Resistors

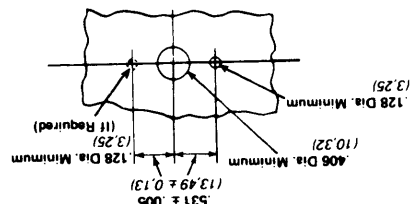


DIMENSIONS COMMON TO ALL UNITS

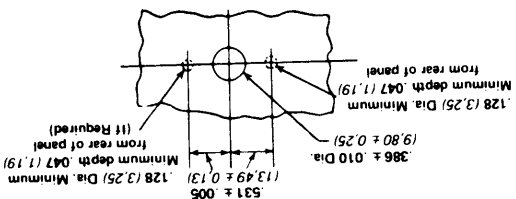
Basic dimensions in inches.
Dimensions shown in parentheses are in millimeters.

Mounting Holes

Mounting dimensions for resistors with plain bushings, shaft watertight bushings, and locking bushings.

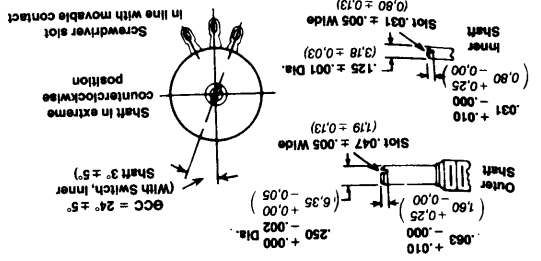


Mounting dimension for resistor with panel watertight bushings.

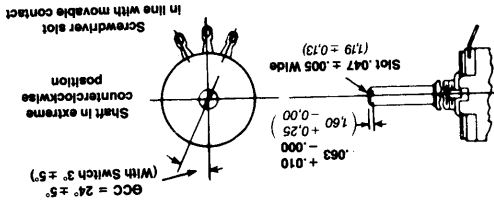


Standard Slotted Shaft Ending

Dimensions for resistors with concentric shafts.



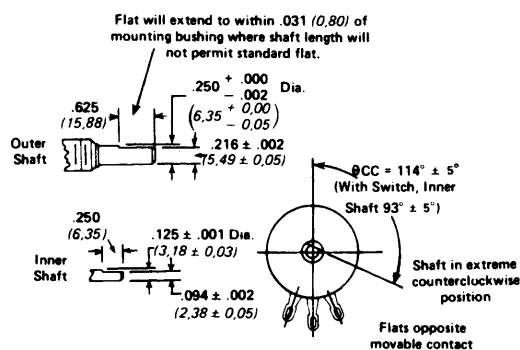
Dimensions for resistors with solid shafts.



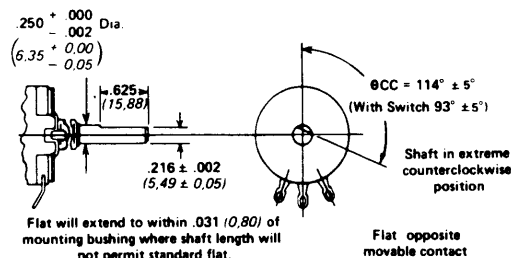
All .250 (6.35) diameter shafts supplied with maximum chamfer .031 (0.80) x 45° at the shaft end.
All .125 (3.18) diameter shafts supplied with maximum chamfer .016 (0.40) x 45° at the shaft end.

DIMENSIONS COMMON TO ALL UNITS

Standard Flatted Shaft Ending



Dimensions for resistors with concentric shafts.

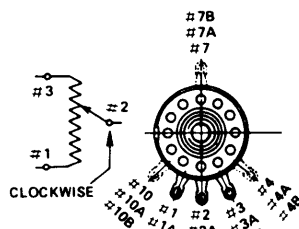


Dimensions for resistors with solid shafts.

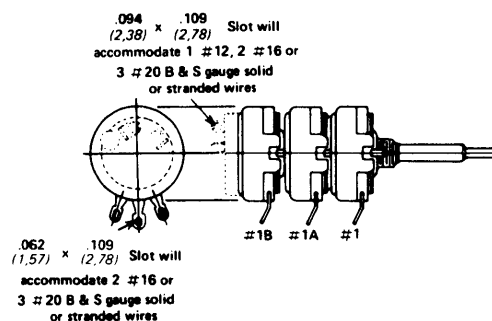
All .250 (6.35) diameter shafts supplied with maximum chamfer .031 (0.80) x 45° at the shaft end.

All .125 (3.18) diameter shafts supplied with maximum chamfer .016 (0.40) x 45° at the shaft end.

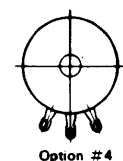
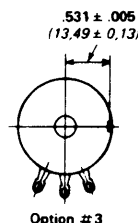
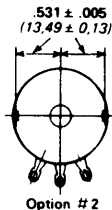
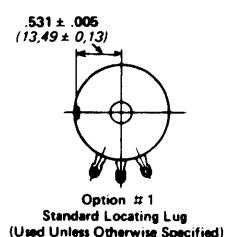
Terminal Connections to Resistance Elements



- #1 Extreme Counterclockwise End
- #2 Movable Contact Brush
- #3 Extreme Clockwise End
- #4 Tap 65% Effective or Special Between 50% and 100%
- #7 Tap 50% Effective Clockwise
- #10 Tap 35% Effective Clockwise or Special Between 0 and 50%
- Tap Location Tolerances ± 3%



Locating Lug Options



Mounting Hardware

When specified, any of the hardware illustrated can be supplied.

