

# POTENTIOMETERS

### Miniature Potentiometers (16 mm)

These potentiometers are used in a lot of consumer electronics applications such as stereos, TV's, two-way radios, and many more. They are now available in solder lug type and universal terminal which may be inserted into PC boards or wrapped with wire and solders. They are available in resistance values from 1K (1000) ohms to 1 Meg (1,000,000) ohms and in both Audio and Linear tapers and with or without switches.

Specifications:

Total Resistance: 1K - 1 Meg Ohm

Resistance Tolerance: 20%

Maximum Voltage: Linear = 150V AC

Audio = 200V AC

Power Rating: Linear = 200 mA, .2W

Audio = 100 mA, .1W

Switch Rating: 1.0 A @ 12V DC or 125V AC

Total Rotation:  $300^\circ$

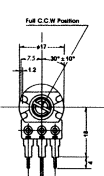
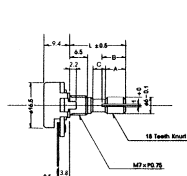
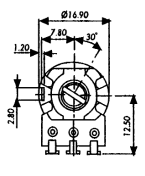
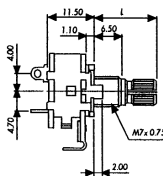
Rotation life: 15,000 cycles

Bushing Diameter: 7 mm

Shaft: 30mm w/ flat 12 mm



(Combo Terminal)



SHAFT SHOWN IN  
FULL C.C.W. POSITION

| Part Number | Resistance Value | Taper  | Switch S | Terminal tyle |
|-------------|------------------|--------|----------|---------------|
| PC72        | 1K               | Linear | No       | Combo         |
| PC725       | 1K               | Linear | Yes      | Solder Lug    |
| PC82        | 1K               | Audio  | No       | Combo         |
| PC825       | 1K               | Audio  | Yes      | Solder Lug    |
| PC73        | 5K               | Linear | No       | Combo         |
| PC83        | 5K               | Audio  | No       | Combo         |
| PC835       | 5K               | Audio  | Yes      | Solder Lug    |
| PC74        | 10K              | Linear | No       | Combo         |
| PC745       | 10K              | Linear | Yes      | Solder Lug    |
| PC84        | 10K              | Audio  | No       | Combo         |
| PC845       | 10K              | Audio  | Yes      | Solder Lug    |
| PC75        | 50K              | Linear | No       | Combo         |
| PC85        | 50K              | Audio  | No       | Combo         |
| PC855       | 50K              | Audio  | Yes      | Solder Lug    |
| PC76        | 100K             | Linear | No       | Combo         |
| PC86        | 100K             | Audio  | No       | Combo         |
| PC865       | 100K             | Audio  | Yes      | Solder Lug    |
| PC77        | 500K             | Linear | No       | Combo         |
| PC775       | 500K             | Linear | Yes      | Solder Lug    |
| PC87        | 500K             | Audio  | No       | Combo         |
| PC875       | 500K             | Audio  | Yes      | Solder Lug    |
| PC78        | 1Meg             | Linear | No       | Combo         |
| PC88        | 1Meg             | Audio  | No       | Combo         |
| PC885       | 1Meg             | Audio  | Yes      | Solder Lug    |

### Standard Potentiometers (24 mm)

These potentiometers are used in a lot of consumer electronics applications such as stereos, TV's, two-way radios, and many more. They are now available in solder lug type and universal terminal which may be inserted into PC boards or wrapped with wire and solders. They are available in resistance values from 500 ohms to 1 Meg (1,000,000) ohms and in both Audio and Linear tapers and with or without switches.

Specifications:

Total Resistance: 500 - 1 Meg Ohm

Resistance Tolerance: 20%

Maximum Voltage: Linear = 500V AC

Audio = 250V AC

Power Rating: Linear = 500 mA, .5W

Audio = 250 mA, .25W

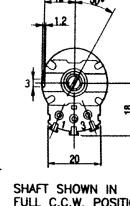
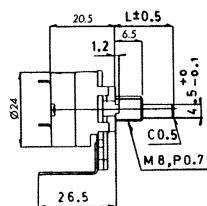
Switch Rating: 1.0 A @ 12V DC or 125V AC

Total Rotation:  $300^\circ$

Rotation life: 15,000 cycles

Bushing Diameter: 8 mm w/o Switch

9 mm w

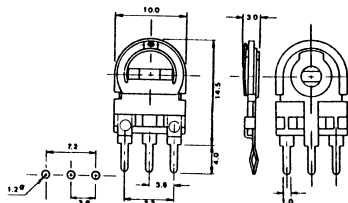


SHAFT SHOWN IN  
FULL C.C.W. POSITION

(Solder Lug Terminal)

| Part Number | Resistance Value | Taper  | S | Switch | Terminal type |
|-------------|------------------|--------|---|--------|---------------|
| PC31        | 500              | Linear |   | No     | Combo         |
| PC22        | 1K               | Linear |   | No     | Solder Lug    |
| PC325       | 1K               | Audio  |   | Yes    | Combo         |
| PC32        | 1K               | Audio  |   | No     | Combo         |
| PC335       | 5K               | Audio  |   | Yes    | Combo         |
| PC23        | 5K               | Linear |   | No     | Solder Lug    |
| PC33        | 5K               | Audio  |   | No     | Combo         |
| PC24        | 10K              | Linear |   | No     | Solder Lug    |
| PC245       | 10K              | Linear |   | Yes    | Combo         |
| PC34        | 10K              | Audio  |   | No     | Combo         |
| PC345       | 10K              | Audio  |   | Yes    | Combo         |
| PC25        | 50K              | Linear |   | No     | Solder Lug    |
| PC35        | 50K              | Audio  |   | No     | Combo         |
| PC355       | 50K              | Audio  |   | Yes    | Combo         |
| PC26        | 100K             | Linear |   | No     | Solder Lug    |
| PC36        | 100K             | Audio  |   | No     | Combo         |
| PC365       | 100K             | Audio  |   | Yes    | Combo         |
| PC27        | 500K             | Linear |   | No     | Solder Lug    |
| PC275       | 500K             | Linear |   | Yes    | Combo         |
| PC37        | 500K             | Audio  |   | No     | Combo         |
| PC375       | 500K             | Audio  |   | Yes    | Combo         |
| PC28        | 1Meg             | Linear |   | No     | Solder Lug    |
| PC285       | 1Meg             | Linear |   | Yes    | Combo         |
| PC38        | 1Meg             | Audio  |   | No     | Combo         |
| PC385       | 1Meg             | Audio  |   | Yes    | Combo         |

## SUB-MINIATURE TRIMMER POTENTIOMETER



|            |             |
|------------|-------------|
| No. PC300  | 300 ohms    |
| No. PC500  | 500 ohms    |
| No. PC1K   | 1000 ohms   |
| No. PC2K   | 2000 ohms   |
| No. PC5K   | 5000 ohms   |
| No. PC10K  | 10000 ohms  |
| No. PC30K  | 30000 ohms  |
| No. PC50K  | 50000 ohms  |
| No. PC100K | 100000 ohms |
| No. PC500K | 500000 ohms |



- Very small; well suited for the low profile sets
- For printed circuit board mount
- Control is linear
- Ideal for volume and tone control for compact audio products