

# POTENTIOMETERS

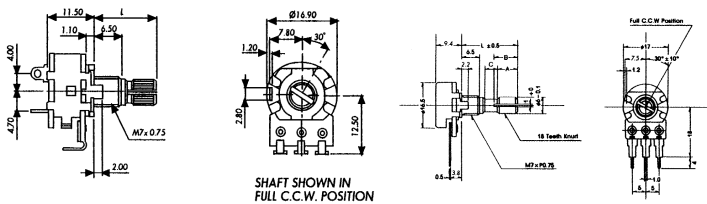
## Miniature Potentiometers (16 mm)

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°  
 Rotation life: 15,000 cycles  
 Bushing Diameter: 7 mm  
 Shaft: 30mm w/ flat 12 mm



(Combo Terminal)



| Part Number | Resistance Value | Taper  | Switch S | Terminal type |
|-------------|------------------|--------|----------|---------------|
| 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    |

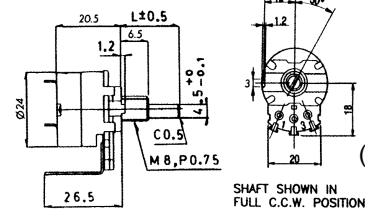
## Standard Potentiometers (24 mm)

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°  
 Rotation life: 15,000 cycles  
 Bushing Diameter: 8 mm w/o Switch  
 9 mm w/ Switch  
 Shaft: 30mm w/ flat 12 mm

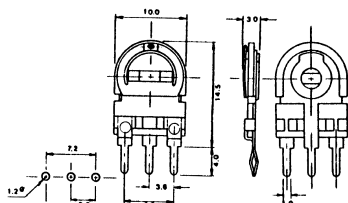


(Solder Lug Terminal)



| Part Number | Resistance Value | Taper  | Switch S | 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