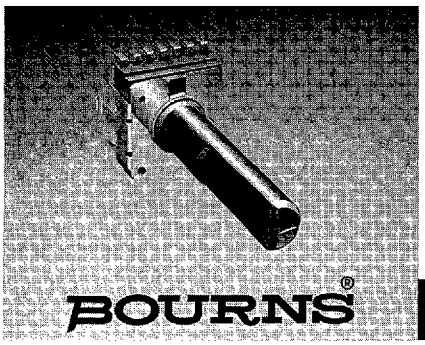
For technical assistance call the Strategic Products number on the back cover.



Features

- Carbon element
- Insulated shaft
- Snap-in clip
- Center detent option
- Assorted pin layouts

Applications

- Audio/TV sets
- Car radio
- Amplifiers/mixers/drum machines/ synthesizers
- PCs/monitors
- Appliances

PTV142 - 14mm Dual Potentiometer

Electrical Characteristics

Taper .....A, B
Standard Resistance Range
.....1K ohms to 1M ohms
Standard Resistance Tolerance ....±20%
Standard Nominal Resistance Value
.....See standard resistance table
Residual Resistance
.....500 ohms maximum or 1% of nominal resistance

Environmental Characteristics

Power Rating .....0.05 watt
Maximum Operating Voltage .....50V AC
Sliding Noise.....100mV maximum

Physical Characteristics

Mechanical Angle .....300° ±5°
Rotational Torque.....20 to 200 gcm
Click Torque.....30 to 300 gcm
Stop- End Strength .....6 kgcm minimum
Rotational Life....15,000 cycles minimum
Soldering Condition .....300°C max. within 3 seconds

How To Order

PTV142 B - 2 0 E 1 20 A - A 203

Model

Center Tap Option
- B = No Tap
- T = Center Tap

Pin Style
- 2 = PC Pins vert./ Down Facing
- 4 = PC Pins horz./ Rear Facing

Center Detent Option
- 0 = No Detent
- 2 = Center Detent

Electrical Diagram (See Diagram)
- E = for Tone application
- Y = for Volume application

Bushing Option
- 0 = No Bushing
- 1 = With Bushing (M9x0.75)x5mm

Standard Shaft Length
- 15 = 15mm
- 20 = 20mm
- 25 = 25mm

Shaft Styles
- A = Flat Type Insulated Shaft

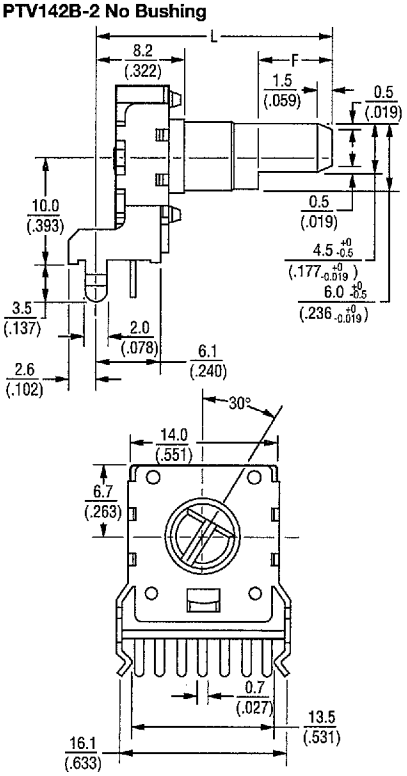
Resistance Taper
- A = Audio Taper
- B = Linear Taper

Resistance Code (See Table)

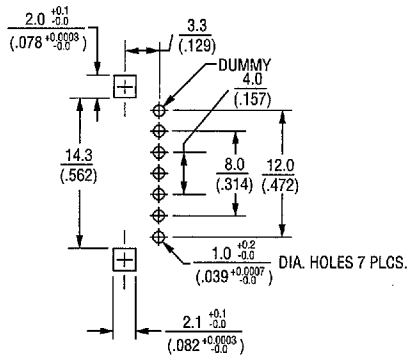
Other styles available.

Product Dimensions

PTV142B-2 No Bushing

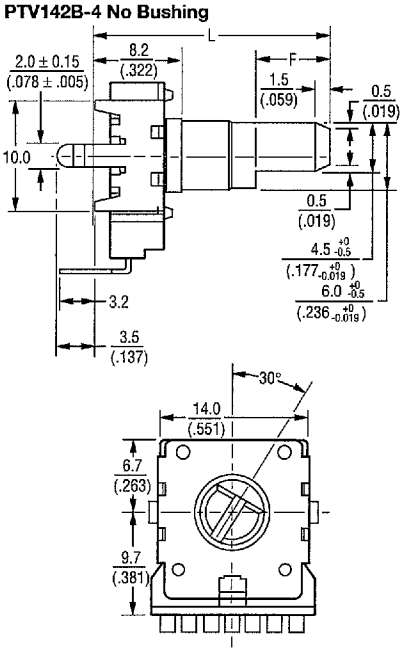


RECOMMENDED PCB LAYOUT

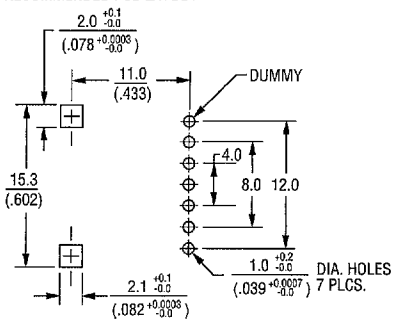


SHAFT SHOWN IN CCW POSITION

PTV142B-4 No Bushing



RECOMMENDED PCB LAYOUT



SHAFT SHOWN IN CCW POSITION

DIMENSIONS ARE: METRIC / (INCHES)

Dimensions Without Bushing

L	20	25
	(.787)	(.984)
F	7	12
	(.275)	(.472)

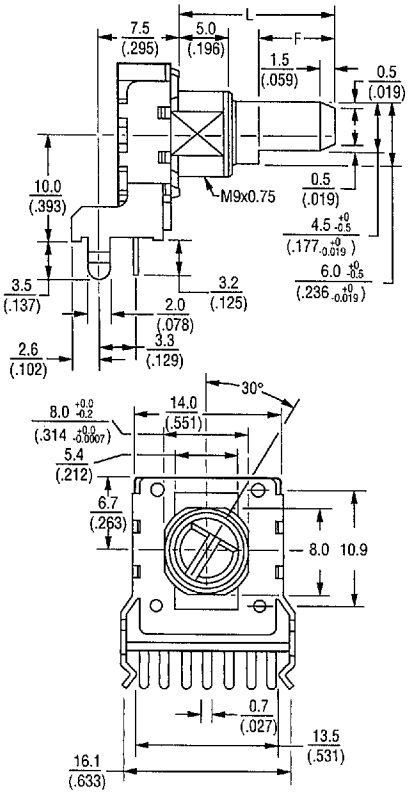
D 21F 1556573 0002117 144

Specifications are subject to change without notice.

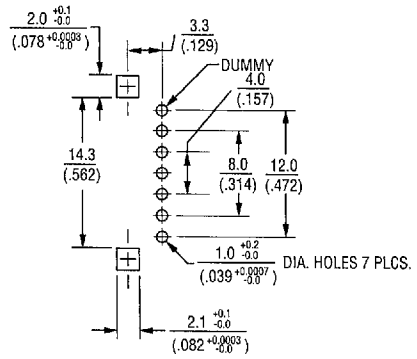
PTV142 - 14MM Dual Potentiometer

Product Dimensions

PTV142B-2 With Bushing

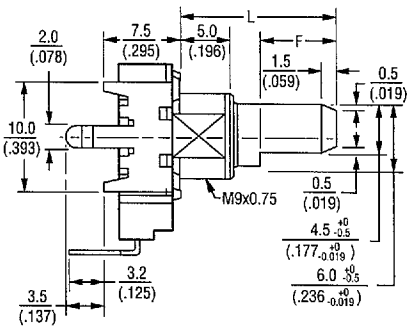


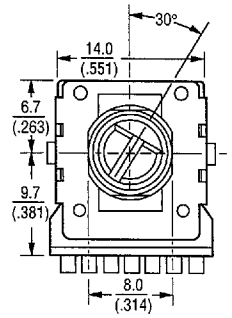
RECOMMENDED PCB LAYOUT



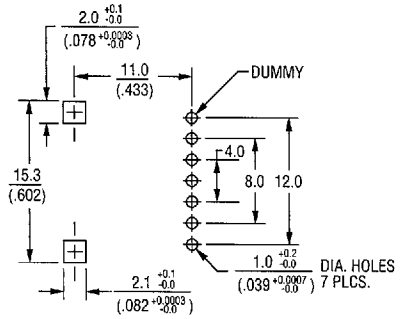
SHAFT SHOWN IN CCW POSITION

PTV142B-4 With Bushing





RECOMMENDED PCB LAYOUT



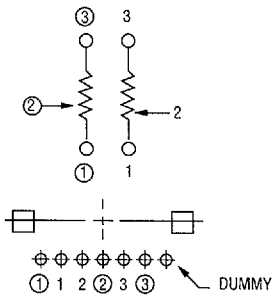
SHAFT SHOWN IN CCW POSITION

Dimensions Without Bushing

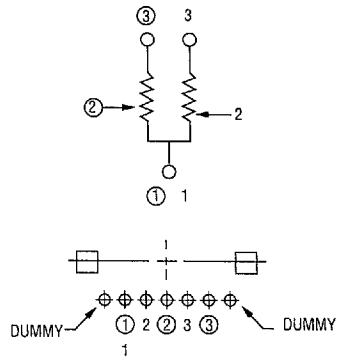
L	15	20
	(.590)	(.787)
F	7	12
	(.275)	(.472)

Electrical Diagrams

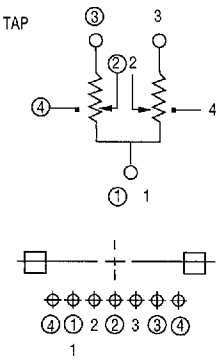
"E" FOR TONE APPLICATION



"Y" FOR VOLUME APPLICATION



"Y" WITH TAP



Standard Resistance Table

Resistance (Ohms)	Resistance Code
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104
200,000	204
500,000	504
1,000,000	105