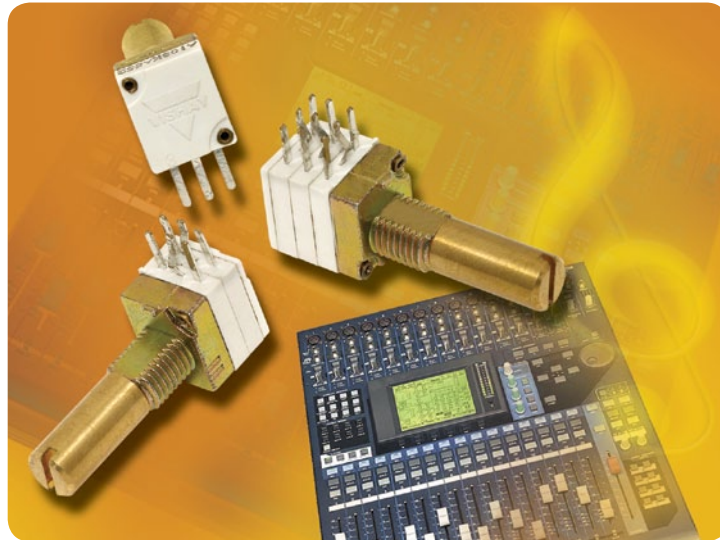


## 9-mm Multi-Ganged Potentiometer



### KEY BENEFITS

- Compact module size:  $\frac{3}{8} \times \frac{7}{16}$  (9.52 mm x 11.35 mm)
- Adaptable and versatile: up to 7 modules
- Top quality range suited for professional applications
- Conductive plastic element
- Variable standard and custom designs available

### APPLICATIONS

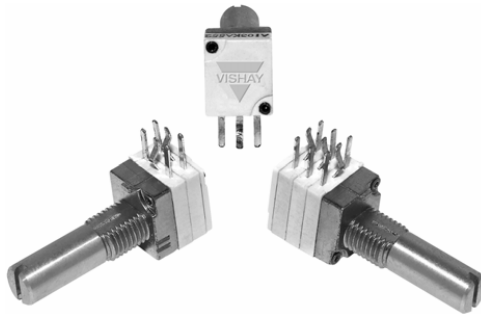
- Mixing desks
- Cash dispensers
- Lighting controls
- Fusion pumps
- Volume and speed controls
- Automotive and consumer audio/video systems
- Welding machines

### RESOURCES

- Datasheet: P9 - <http://www.vishay.com/doc?51047>
- For technical questions contact [sfer@vishay.com](mailto:sfer@vishay.com)



## 9-mm Multi-Ganged Potentiometer

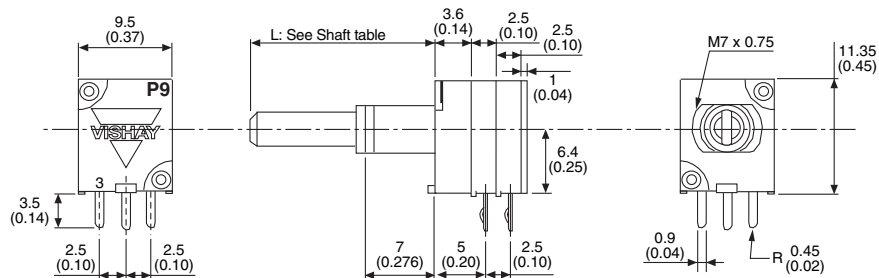


### FEATURES

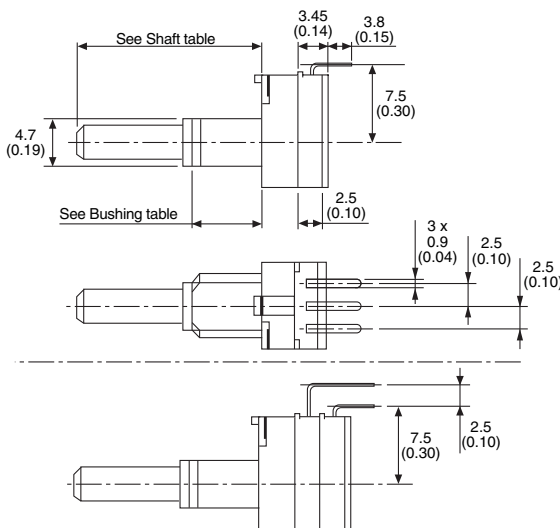
- Conductive plastic element
- Ultra compact (extra miniature module size)
- Multiple assemblies (up to seven modules)
- Shaft and panel sealed option
- Center mechanical detent fully integrated in option
- Center tap option
- Custom designs available on request
- Test according to CECC 41000 or IEC 60393-1
- Compliant to RoHS Directive 2011/65/EU



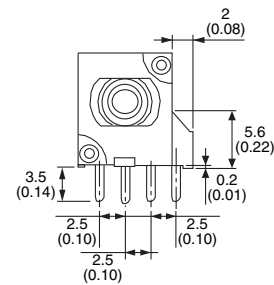
### DIMENSIONS in millimeters (inches) ± 0.5 mm (± 0.02")



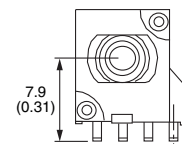
#### Vertical Mounting



#### Center Tap



#### Center Tap and Vertical Mounting



### MECHANICAL SPECIFICATIONS

Mechanical Endurance	25 000 cycles min.
Mechanical Travel	300° ± 5
Operating Torque	0.2 Ncm to 2.5 Ncm (0.3 oz.-inch to 3.5 oz.-inch)
End Stop Torque	50 Ncm max. (4.4 lb-inch max.)
Shaft Push/Pull Force	7 DaNcm max. (15.7 lbf max.)
Weight (One Module)	6.25 g (without nut and washer) (0.22 oz.)

Revision 21-Feb-11

Resistors - Compact and Versatile