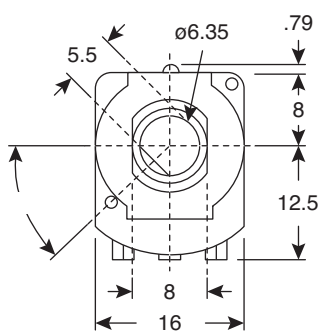
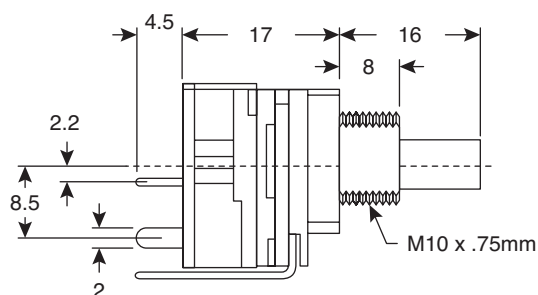
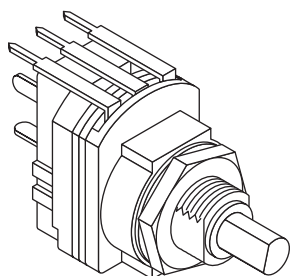




## 16mm Potentiometer RV16CF-40-16-F1XXX

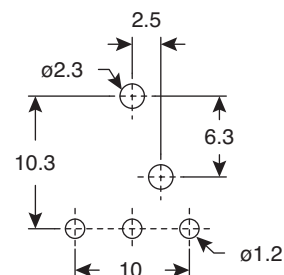


Shaft Shown in  
Full C.C.W. Position



RoHS Compliant

Dimensions: mm



PCB Hole Layout

### Specifications:

- Taper: Linear
- Type: 16mm PC Mount w/SPST Switch
- Rated Wattage: 0.2W
- Rated Voltage: 200V
- Tolerance:  $\pm 20\%$
- Insulation Resistance:  $>100M\Omega$  @ 500VDC
- Breakdown Voltage: 1000VAC for 1 minute
- Switch Contact Resistance:  $<100m\Omega$
- Switch Rating: 250VDC 10A
- Rotation Life: 100,000 cycles
- Switch Life: 10,000 times
- Total Rotation Angle:  $270^\circ \pm 5^\circ$
- Rotation Torque: 20~200g/cm
- Shaft Stop Strength: 4Kg/cm min.
- Switch Working Angle:  $40^\circ$  max.
- Switch Working Torque: 200~600gf-cm
- Shaft: "D" type, Nylon
- RoHS Compliant

### Tol. Unless Otherwise Stated

|           |        |               |
|-----------|--------|---------------|
| Less Than | 10     | $\pm 0.3$     |
| Above     | 10-30  | $\pm 0.5$     |
| Above     | 30~100 | $\pm 1.0$     |
| Above     | - - -  | $\pm 5^\circ$ |

| Alpha Part Number    | Value<br>$\Omega$ | Taper  |
|----------------------|-------------------|--------|
| RV16CF-40-16-F1-B53  | 5K                | Linear |
| RV16CF-40-16-F1-B10K | 10K               | Linear |
| RV16CF-40-16-F1-B54  | 50K               | Linear |
| RV16CF-40-16-F1-B55  | 500K              | Linear |