

FEATURES:

- Available sharp click feel with a positive tactile feedback
- Ultraminiature structure suitable for high density mounting. Economic but high reliability.
- Insert molding in the contact with special treatment prevents flux build-up during soldering and permits auto-dipping.

MATERIAL:

- Base: LCP High-Temp Thermoplastic
Color: Black
- Cover: Nickel Silver
- Center Stem: LCP High-Temp Thermoplastic.
5 directions color: Black
4 directions color: Brown
- Four Way Stem: LCP High-Temp Thermoplastic
- Contact: Stainless
- Terminal: Brass with silver plated

SPECIFICATION

MECHANICAL

- Operation Force: 4-direction: 160gf
Center push: 320gf
- Stroke: 4 direction: $10^{\circ} \pm 2.5^{\circ} / -1.5^{\circ}$ mm
Center Push: $0.25 \pm 0.1 / -0.2$ mm
- Operation Temperature Range: -25°C to $+70^{\circ}\text{C}$
- Storage Temperature: -40°C to $+85^{\circ}\text{C}$
- Shock Test: MIL-STD-202F METHOD 213B
CONDITION A.
Gravity: 50G (peak value), 11 msec
Direction and times: 6 sides and 3 times in each direction.
High reliability.

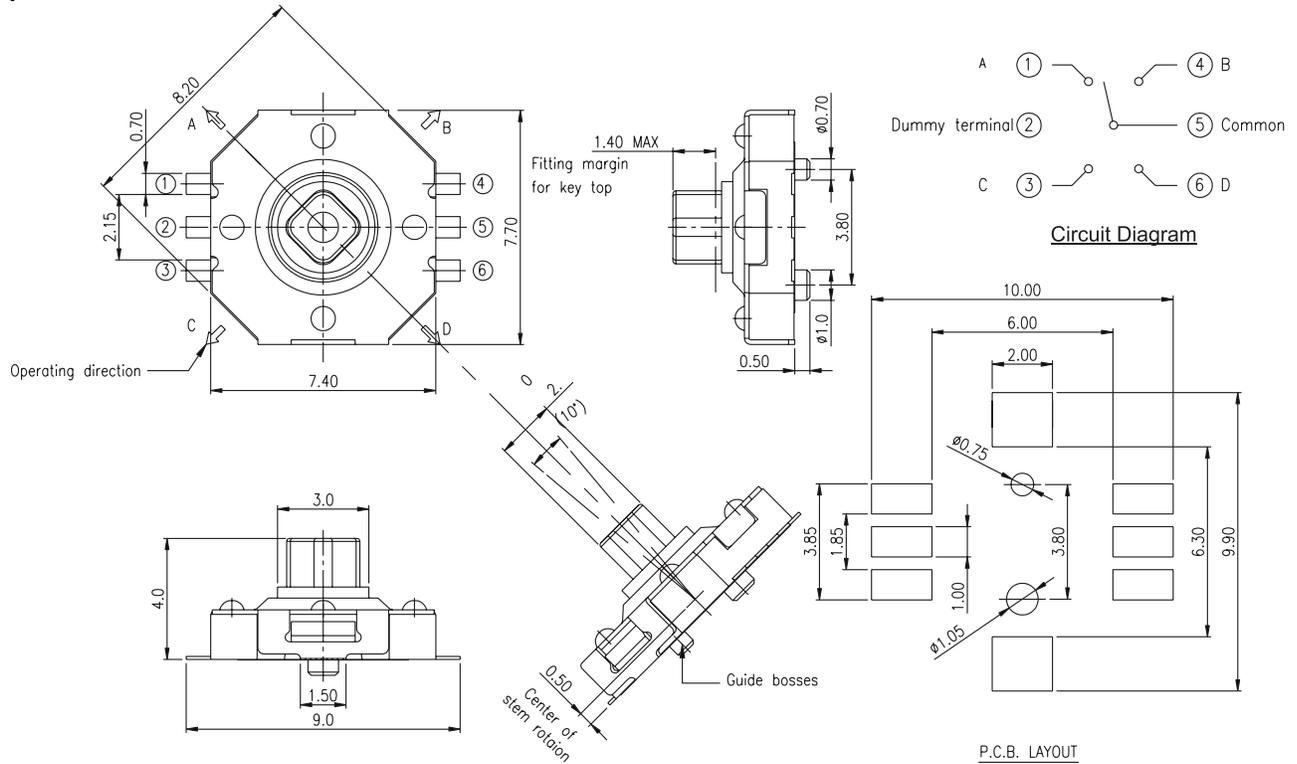
ELECTRICAL

- Electrical Life: 100 000 cycles
- Rating: 50mA, 12VDC
- Contact Resistance: 100m Ω max
- Insulation Resistance: 100M Ω min at 100VDC
- Dielectric Strength: 250VAC/1 minute.

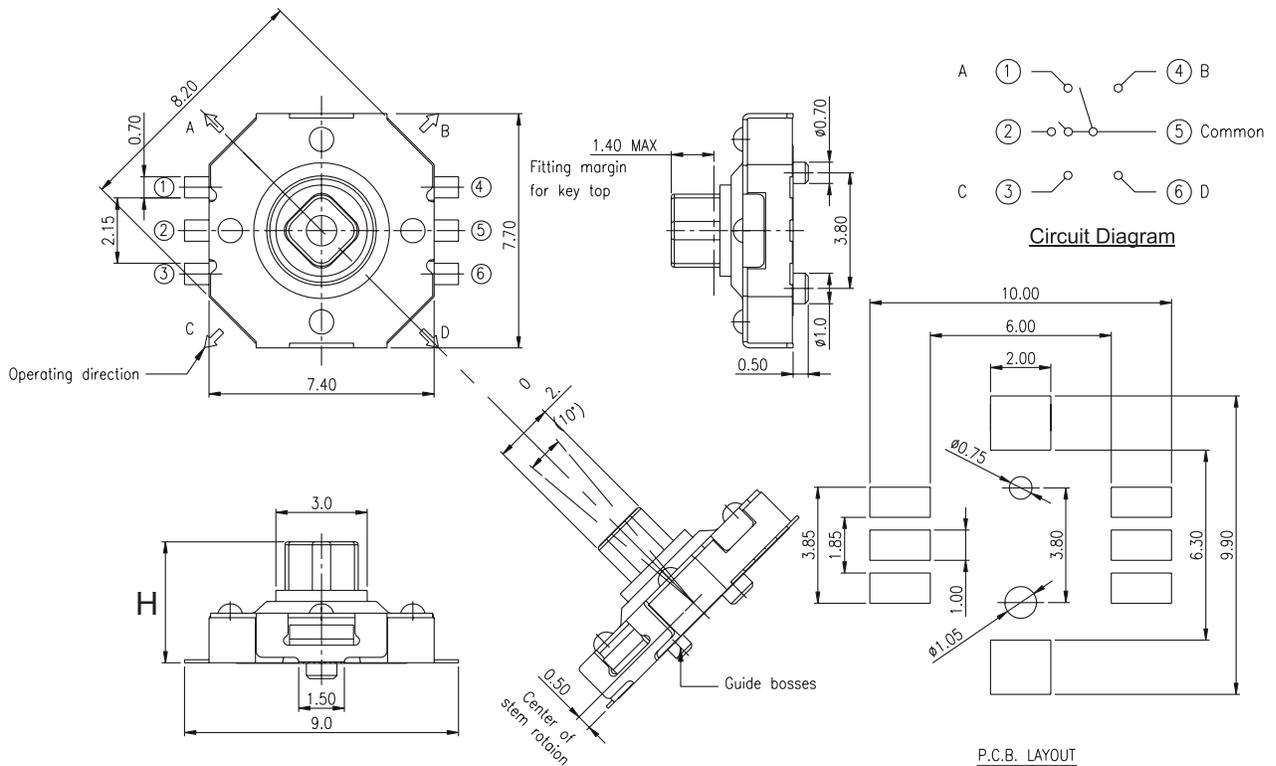
Packaging:

Part Number	Number Per Reel
SDCP4	850
SDCP5	850
SDCP5-□3	800

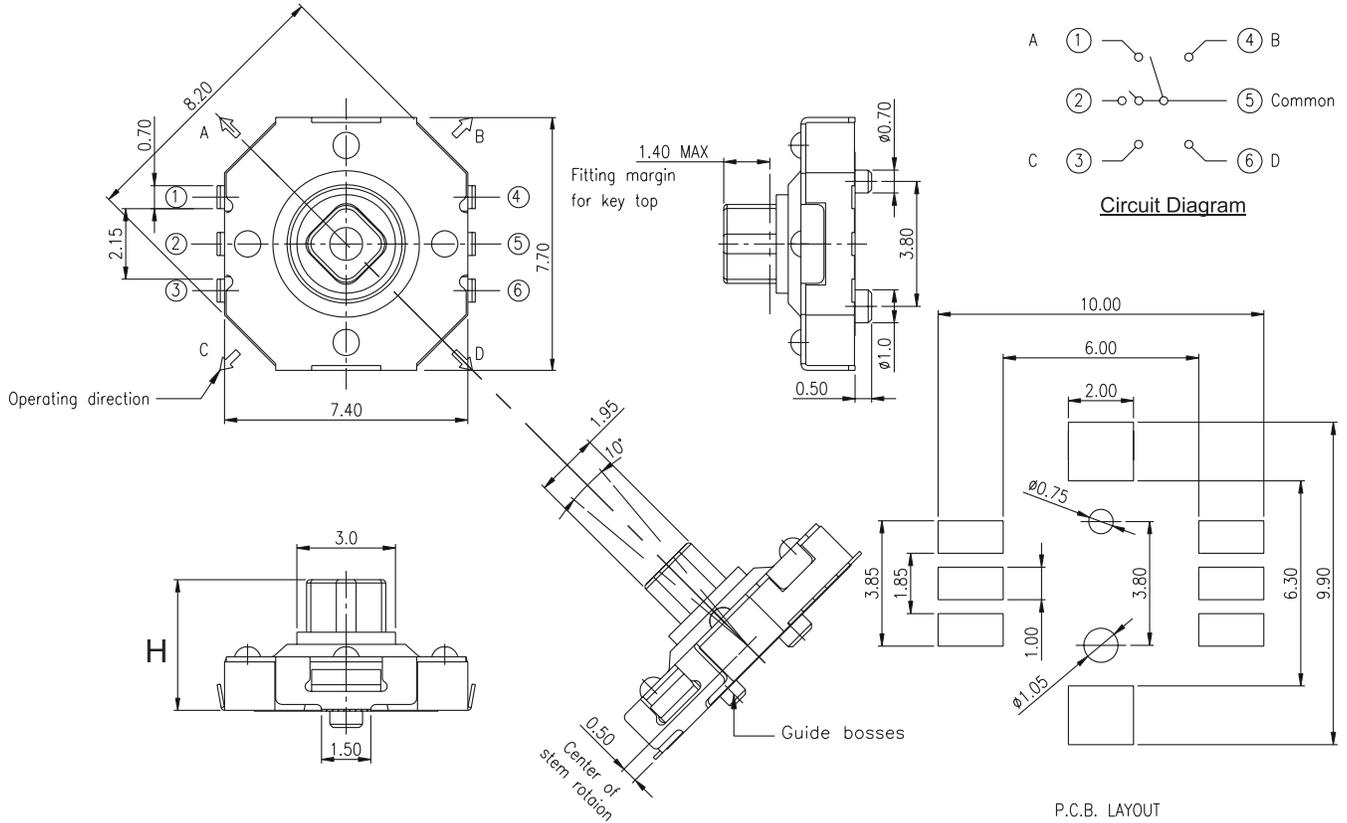
SDCP4-F



SDCP5-F



SDCP5-J



HOW TO ORDER:

SDCP □ - □ □ - □ □

Package Style:
T/R = Tape & Reel

Soldering:
R = Lead Free Solderable

Stem Height: H	
SDCP4	SDCP5
□ = 4.0mm	□ = 4.5mm
	1 = 5.0mm
	2 = 4.0mm
	3 = 6.4mm

J = With J Bend Terminal for SDCP5 Only
F = With Flat Terminal

5 = 5 Directions
4 = 4 Directions

Soldering Process

- ▲ Use a soldering iron of 30 watts controlled at 350°C approximately 5 seconds while applying.
- ▲ Reflow Soldering: When applying reflow soldering the peak temperature or the reflow oven should be set to 260°C max.

Temperature Profile:

