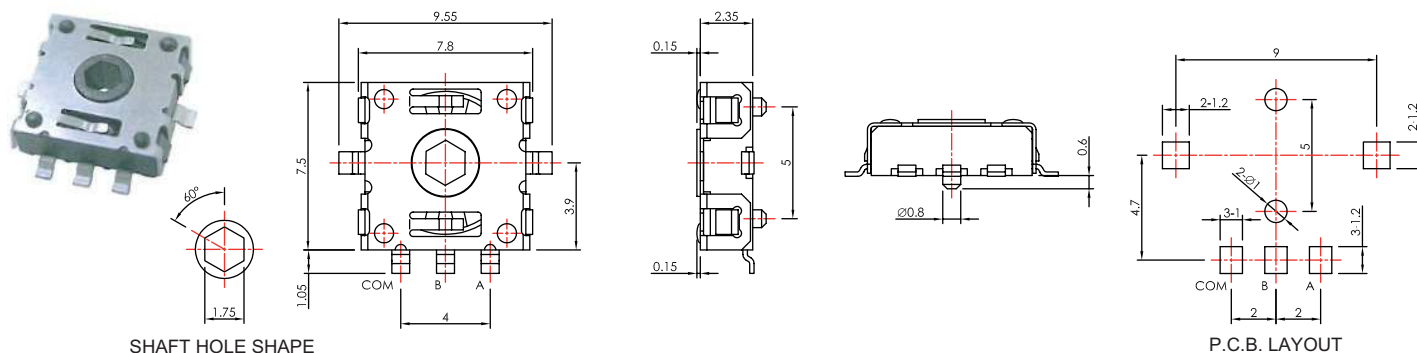


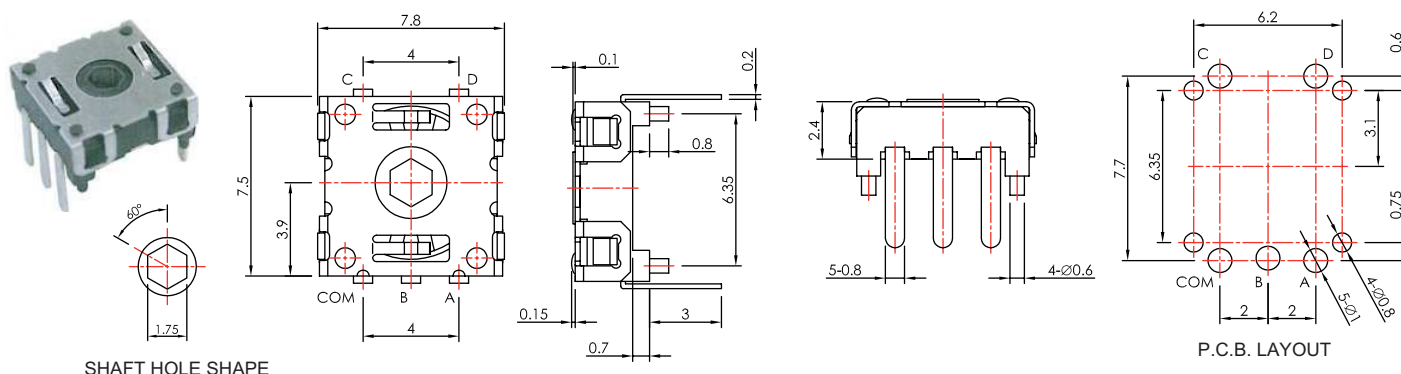
Encoders

Encoder Switch with Hexagon Shaft Hole

EC64 Series



EC64S...83 Surface Mount Type Terminals



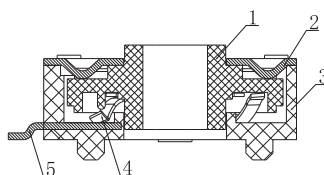
EC64H...83 Thru Hole Type Terminals

SPECIFICATIONS:

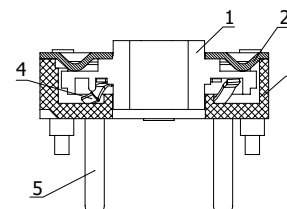
- > Switch Rating: 10mA 10VDC
- > Contact Resistance: 10 Ohms Max. (initial)
- > Insulation Resistance: 50MOhms 50VDC
- > Dielectric Strength: 50VAC 1 Minute
- > Minimum Load: 10mA 3.3VDC (reference only)
- > Segment Points: 12 Segment Points (each $30^\circ \pm 3^\circ$) by SMT Terminals
24 Segment Points (each $15^\circ \pm 3^\circ$) by THT Terminals
- > Output Resolution: 6 Pulse/360° by SMT Terminals, 12 Pulse/360° by THT Terminals
- > Operating temperature: $-10^\circ\text{C} \sim +60^\circ\text{C}$
- > Ambiente Humidity: <85%RH
- > Operating Force: $25 \pm 10\text{gf}$
- > Operating Life: 300,000 Cycles (each upright and opposite totate 150,000 Cycles)
- > Hand Soldering: 30 W, $350^\circ\text{C} \sim 360^\circ\text{C}$ 3 Seconds 1 time (by SMT Terminals)
30 W, 380°C 3 Seconds 1 time (by THT Terminals)
- > Reflow Soldering: 250°C Max. for 3 Seconds (by SMT Terminals)
- > Wave Soldering: 250°C Max. 3 Seconds Max. (by THT Terminals)

MATERIALS:

1. Stem: PA6T
2. Case: SUS304
3. Base: PA6T
4. Spring Plate: C5210
5. Terminals: C2680



EC64S...83



EC64H...83

How to order:

EC64 1 2 3

1 TYPE OF TERMINALS:

- S SMT Terminals
- H THT Terminals

2 PACKAGING:

- TB Tube
- TR Tape & Reel (Only for SMT Terminals)

3 ROHS:

- 83 RoHS Compliant

UNIT: MM
TOLERANCE:
X=±0.3MM
.XX=±0.2MM