RoHS
COMPLIANCE

Feature

1 Low-profile
2 Dual-unit type offer superior gang error characteristics
3 Dip and reflow solderable

F-06 Thumbwheel Driving Potentiometer

Electrical characteristics

- Total Resistance.....500Ω ~500KΩ
- Total Resistance Tolerance..... ±20%
- Resistance Taper.....A,B,C,D
- Max.Operator Voltage.....DC10V
- Rated Power.....Linear Taper B: 0.04W
  Other Tapers:0.02W(F-06N)
- Rated Power.....Linear Taper B: 0.02W
  Other Tapers:0.01W(F-06G)
- Sliding Noise.....Less than 100mv
- Residual Resistance..... Term.1~2:Less than 20Ω
  Term.2~3:Less than 20Ω
- Withstand Voltage..... 10 Sec at AC 25V
- Insulation Resistance..... Over 5MΩ at DC25V

Mechanical characteristics

- Total Rotational Angle.....270° ±10° (F-06N)
- Total Rotational Angle.....120° ±10° (F-06G)
- Rotational Torque.....5gf.cm~90gf.cm
- Rotational Stopper Strength.....0.7kgf.cm Min.
- Push-Pull Strength..... Push: 0.5kgf.cm Min Pull: 0.2kgf Min

Durability

- Rotational Life..... 5,000 Cycles

F-06G Series

Super Thin Rotary Potentiometer

F-06G

Horizontal Type. Dual Unit

F-06GP

Vertical Type. Dual Unit

F-06G1

Horizontal Type. Dual Unit

F-06GP1

Vertical Type. Dual Unit

F-06 Series

Super Thin Rotary Potentiometer

F-06N

Horizontal Type, Single Unit

F-06NP

Vertical Type, Single Unit

Part number system of thumbwheel driving potentiometer

F- 06 G- P 1 B 10K T1.65 *9.5 /B4

- /B4 — Color code of knob
- *9.5 — Diameter of knob
- T1.65 — Thickness of knob
- 10K — Total resistance
- B — Resistance taper
- 1 — Number of flowing
- P — Style of terminal
- G- — N=Single gang
G=Dual gang
- 06 — Outline dimension
06=6mm
- F- — Favor union