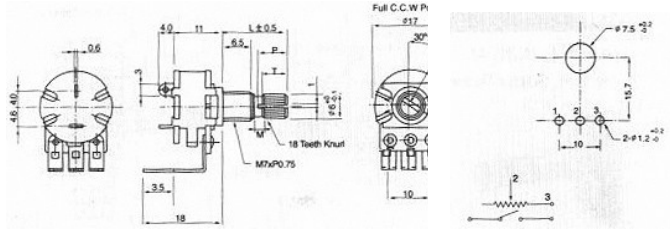


METAL SHAFT ROTARY POTENTIOMETER

Q-4631

F-16KS

Horizontal Type with Switch,
Single Unit, P.C.B. Terminal



SPECIFICATIONS

Electrical Characteristics

- Total Resistance 500Ω ~ 1MΩ
- Total Resistance Tolerance ± 20%
- Resistance Taper A, B, C, D, See P81
- Max. Operation Voltage Linear Taper B : AC 200 V . Other Tapers : AC 150V
- Rated Power
 Single Unit Linear Taper B : 0.2 W, Other Tapers : 0.1 W
 Dual Unit Linear Taper B : 0.125 W, Other Tapers : 0.06 W
- Sliding Noise Less than 100 mV
- Insulation Resistance More than 100 MΩ at DC 500 V
- Withstand Voltage 1 minute at AC 500 V
 Single Unit with Illuminated Function ... 1 minute at AC 1500 V
- Residual Resistance Term. 1-2: Less than 20Ω
 Term. 2-3: Less than 20Ω
- Gang Error (Dual Unit) - 40 dB ~ 0 dB ± 3 dB
- Switch Circuit S.P.S.T
- Switch Contact Resistance Less than 50mΩ
- Switch Rated Power Single Unit: 1.0 A at AC/DC 12 V
 Single Unit with Illuminated Function: 2.0 A at AC/DC 125V

Mechanical Characteristics

- Total Rotational Angle 300° ± 5°
- Rotational Torque 20 gf.cm ~ 200 gf.cm
- Rotational Stopper Strength 7.0 Kg.f.cm Min
- Push-Pull Strength 8 Kg.f Min
- Number of Detents Center Detent 1C, 11C, 21C, 41 C
- Switch Rotational Angle 35° ± 10°
- Switch Action 150 gf.cm ~ 500 gf.cm
- Bushing & Nut Tight Strength 8 Kg.f.cm Min
 Single Unit with Illuminated Function Strength : 7.0 Kg.f.cm Min

Durability

- Rotational Life 10,000 Cycles
- Rotational Life (for Joystick) 100,000 Cycles Min.