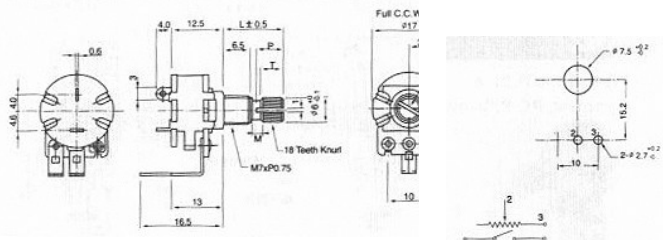


METAL SHAFT ROTARY POTENTIOMETER

Q-7258

F-16KSBF

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



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 UnitLinear 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 PowerSingle 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

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