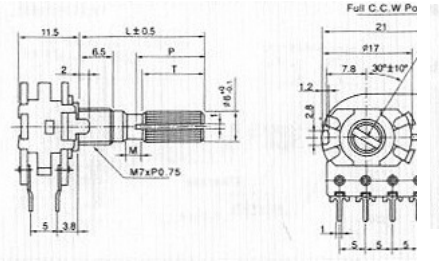
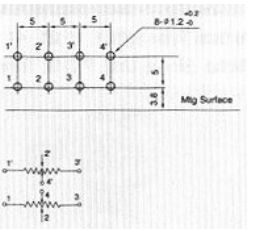
METAL SHAFT ROTARY POTENTIOMETER

Q-4648

F-16KGT1

Horizontal Type with 1, 11, 21, 41 Clicks, Dual 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 Kgf.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 Kgf.cm Min
	Single Unit with Illuminated Function Strength :7.0 Kgf.cm Min
Durability	•Rotational Life..... 10,000 Cycles

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