MOBICON Electronic Components

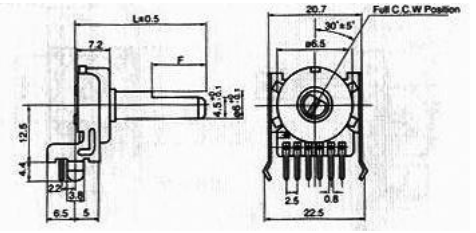
YUBRIGHT SINCE 1977

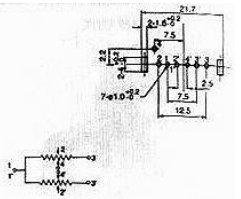
SNAP-IN INSULATED SHAFT ROTARY POTENTIOMETER

Q-4637

F-166K

Vertical Type, Dual Unit, P.C.B. Terminal with Tap





SPECIFICATIONS

Electrical Characteristics

- Total Resistance..... Single Unit: 500 Ω~1M Ω, Dual Unit:2KΩ~500KΩ
- Total Resistance Tolerance.....±20%
- Resistance Taper.....A,B,C,D, See P81
- Max. Operation Voltage.....Linear Taper B: AC 200 V. Other Tapers : AC 150 V
  Dual Unit: AC 50 V, DC 20 V
- Rated Power..... Linear Taper B: 0.125 W, Other Tapers : 0.06 W
  Dual Unit :0.06W
- Sliding Noise.....Less than 100 mV
- Insulation Resistance.....More than 100 M Ω at DC 250 V
- Withstand Voltage.....1 minute at AC 500 V
- Residual Resistance.....Term.1~2: Less than 20 Ω
  Term.2~3: Less than 20 Ω
- Gang Error (Dual Unit).....- 40 dB ~ 0 dB ±3 dB

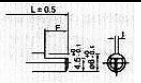
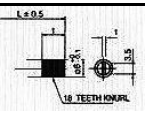
Mechanical Characteristics

- Total Rotational Angle.....300° ± 5°
- Rotational Torque.....20gf.cm~200 gf.cm
- Rotational Stopper Strength.....6.0 Kgf.cm Min.
- Push-Pull Strength.....8.0Kgf Min.

Durability

- Rotational Life.....10,000 Cycles

F-166K Series (Unit: mm)

F Shaft		L	18.5	23.5	28.5	33.5
		F	7	12	12	12
Y Shaft		L	18.5	23.5	28.5	33.5
		I	7	12	12	12