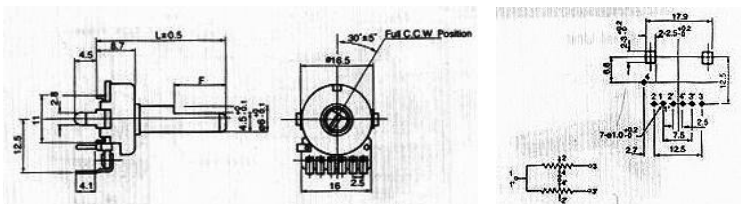


SNAP-IN INSULATED SHAFT ROTARY POTENTIOMETER

Q-4585

F-166KP

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

Durability

F-166KP Series

(Unit: mm)

Shaft Type	Diagram	L	F			
			20	25	30	35
F Shaft		F	7	12	12	12
		L	20	25	30	35
Y Shaft		I	8	12	12	12
		L	20	25	30	35