MOBICON
Electronic Components

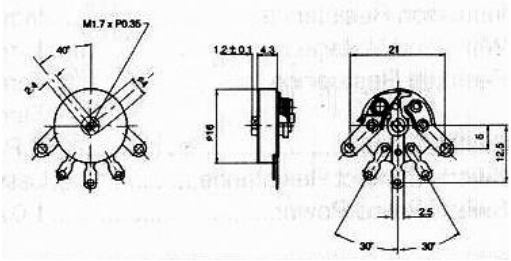
YUBRIGHT
SINCE 1977

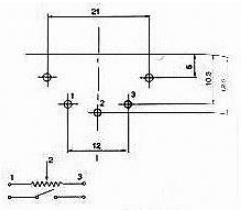
MOLDED CASE ROTARY POTENTIOMETER

Q-4531

F-16S

Standard Type with Switch, Single Unit





SPECIFICATIONS

Electrical Characteristics	•Total Resistance..... 100Ω~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.....Linear Taper B : 0.1 W, Other Tapers : 0.05 W
	•Sliding Noise.....Less than 100 mV
	•Insulation Resistance ..... More than 50 MΩ at DC 500 V
	•Withstand Voltage.....1 minute at AC 500 V
	•Residual Resistance .....Term. 1~2: Less than 10Ω
	Term. 2~3: Less than 10Ω
	•Switch Circuit..... S.P.S.T
	•Switch Contact Resistance.....Less than 50mΩ
	•Switch Rated Power..... 1.0 A at AC/DC 12 V
Mechanical Characteristics	•Total Rotational Angle .....260° ± 10°
	•Rotational Torque.....20 gf.cm ~ 150 gf.cm
	•Rotational Stopper Strength....2.0 Kgf.cm Min
	•Push-Pull Strength .....Push: 1.0 Kg.f.cm Min
	•Number of Detents..... Center Detent 1C, 11C, 21C, 41 C
	•Switch Rotational Angle .....40°±5°
	•Switch Action.....150 gf.cm ~ 450 gf.cm
Durability	•Rotational Life ..... 10,000 Cycles