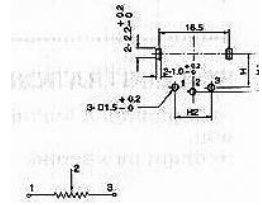
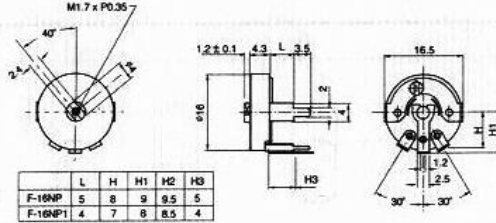


## MOLDED CASE ROTARY POTENTIOMETER

**Q-4530**

**YRV-16N2[F-16NP]**

Horizontal Type, Single Unit



### SPECIFICATIONS

#### Electrical Characteristics

- Total Resistance.....  $100\Omega \sim 1M\Omega$
- Total Resistance Tolerance.....  $\pm 20\%$
- 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  $M\Omega$  at DC 500 V
- Withstand Voltage..... 1 minute at AC 500 V
- Residual Resistance..... Term. 1~2: Less than  $10\Omega$   
Term. 2~3: Less than  $10\Omega$
- Switch Circuit..... S.P.S.T
- Switch Contact Resistance..... Less than  $50m\Omega$
- Switch Rated Power..... 1.0 A at AC/DC 12 V

#### Mechanical Characteristics

- Total Rotational Angle.....  $260^\circ \pm 10^\circ$
- Rotational Torque..... 20 gf.cm  $\sim$  150 gf.cm
- Rotational Stopper Strength..... 2.0 Kg.f.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.....  $40^\circ \pm 5^\circ$
- Switch Action..... 150 gf.cm  $\sim$  450 gf.cm

#### Durability

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