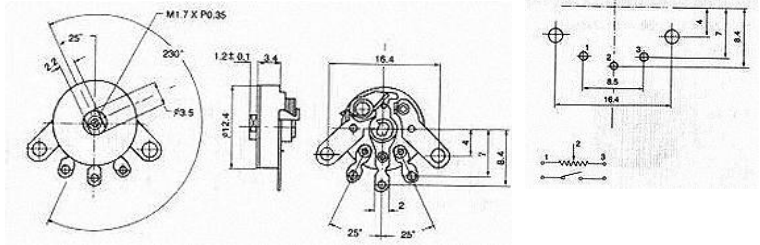


**MOLDED CASE ROTARY POTENTIOMETER**

**Q-4528**

**F-12S**

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 150 V. Other Tapers : AC 100V
- 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 20Ω  
Term. 2~3: Less than 20Ω
- 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 .....230° ± 10°
- Rotational Torque.....20 gf.cm ~ 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 .....35°±10°
- Switch Action .....100 gf.cm ~ 350 gf.cm

Durability

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