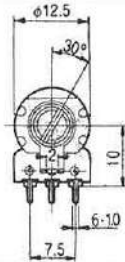


**Q-7225**

## YRV-12T1

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



### SPECIFICATIONS

#### Electrical Characteristics

- Total Resistance .....  $500\Omega \sim 1M\Omega$
- 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  
Single Unit ..... Linear Taper B : 0.2 W, Other Tapers : 0.1 W  
Dual Unit..... Linear Taper B : 0.125 W, Other Tapers : 0.06 W
- Sliding Noise..... Less than 100 mV
- Insulation Resistance..... More than 100 M $\Omega$  at DC 500 V
- Withstand Voltage..... 1 minute at AC 500 V  
Single Unit with Illuminated Function ...1 minute at AC 1500 V
- Residual Resistance..... Term. 1-2: Less than 20 $\Omega$   
Term. 2-3: Less than 20 $\Omega$
- Gang Error (Dual Unit)..... - 40 dB $\sim$ 0 dB  $\pm$  3 dB
- Switch Circuit..... S.P.S.T
- Switch Contact Resistance..... Less than 50m $\Omega$
- Switch Rated Power ..... Single Unit: 1.0 A at AC/DC 12 V  
Single Unit with Illuminated Function: 2.0 A at AC/DC 125V

#### Mechanical Characteristics

- Total Rotational Angle .....  $300^\circ \pm 5^\circ$
- Rotational Torque..... 20 gf.cm  $\sim$  200 gf.cm
- Rotational Stopper Strength.... 7.0 Kg.f.cm Min
- Push-Pull Strength..... 8 Kg.f Min
- Number of Detents ..... Center Detent 1C, 11C, 21C, 41 C
- Switch Rotational Angle .....  $35^\circ \pm 10^\circ$
- Switch Action ..... 150 gf.cm  $\sim$  500 gf.cm
- Bushing & Nut Tight Strength..... 8 Kg.f.cm Min  
Single Unit with Illuminated Function Strength : 7.0 Kg.f.cm Min

#### Durability

- Rotational Life..... 10,000 Cycles
- Rotational Life (for Joystick)..... 100,000 Cycles Min.