VIMEX INTERNATIONAL CORPORATION

1-(800)227-0075

# 21mm Snap-In Rotary Potentiometer

## Electrical Characteristics

| | |
|---|---|
| All Resistance | 10K ~ 1MΩ |
| All Resistance Tolerance | ± 20% |
| Resistance Taper | A. B Taper |
| Resistance Taper Characteristics | A 50% → 15-25%<br>B 50% → 40-60% |
| Rated Power | 0.05W |
| Residual Resistance | R ≥ 250KΩ 0.1%<br>250KΩ> R > 10KΩ 20Ω Max. ( between Term. 1, 2)<br>10KΩ≥ R 20Ω Max. ( between Term. 2, 3) |
| Gang Error | -50dB≦1.5dB Other≦3dB |
| Noise | 100 mV Max. |
| Insulation Resistance | DC 500V 100MΩ |
| Withstand Voltage | 1 minute at AC 500V |
| Rotational Life | 15,000 Cycles |

## Mechanical Characteristics

| | |
|---|---|
| Total Rotational Angle | 300° ± 5° |
| Stopper Strength | 7 kgf.cm max./ 3 sec. |
| Operating Force | 30 ~ 250gf.cm |
| Push-Pull Strength | 8 kgf.cm Max. / 3 sec. |
| Shaft Wobble | 0.7 x L / 30 mmp-p max. |
| Solder Heat | 300℃, 3s. (only for Hand-Soldering) |
| Remark | Shaft: Aluminum Zinc<br>Bushing Material: Cast Iron |