

# Metal-glaze Trimmer Potentiometers

## メタルグレース半固定ポテンシオメータ

### FEATURES

- Excellent stability and environmental resistance by utilization of a metal glazed resistor element.
- Miniature, yet with high power handling capabilities.
- Conform RoHS

### 特長

- メタルグレース抵抗素子の採用で安定性、耐候性に優れています。
- 小型、高電力形です。
- RoHS適合品です。

Model	Mounting Hole Dimensions (Reference)	Dimensions	Notes	Circuit
<b>VM5CK-PV</b> (with Dust-proof Knob)			0.5x0.5(Back Side ADJ.) 0.8x3.4x1.5 ø5 MAX.	
<b>VM6CK-PV(1S)</b> (with Knob)				
<b>VM6CK-PH(1S)</b> (with Knob)				
<b>TM64K2(PV)</b> (with Dust-proof Knob)				
<b>TM64K2(PH)</b> (with Dust-proof Knob)				
<b>TM8KV2-1S</b> (with Dust-proof Knob)				
<b>TM8KH1-1S</b> (with Dust-proof Knob)				
<b>TM10K(PV)</b> (with Dust-proof Knob)			ACJ.SLOT 0.8x4.2-1 IN DEPTH	
<b>TM10K(PH)</b> (with Dust-proof Knob)			ADJ.SLOT 0.8x4.2-1 IN DEPTH	

	VM5CK	VM6CK	TM64K	TM8K	TM10K
<b>Operating Temperature Range</b> 使用温度範囲	-30 to 100°C	-30 to 100°C	-30 to 100°C	-30 to 100°C	-30 to 100°C
<b>Rated Power</b> 定格電力	0.2W at 70°C	0.3W at 70°C	0.3W at 70°C	0.5W at 70°C	0.5W at 70°C
<b>Maximum Operating Voltage</b> 最高使用電圧	AC 100V, DC 100V	AC 100V, DC 100V	AC 100V, DC 100V	AC 250V, DC 250V	AC 200V, DC 200V
<b>Resistance Range</b> 全抵抗値範囲	100Ω-1MΩ ※	200Ω-1MΩ ※	100Ω-1MΩ ※	200Ω-1MΩ ※	100Ω-1MΩ ※
<b>Total Resistance Tolerance</b> 全抵抗値許容差	±25%	±20%	±20%	±20%	±20%
<b>Resistance Taper</b> 抵抗変化特性	B (Linner Taper :JIS 0B)	B (Linner Taper :JIS 0B)	B (Linner Taper :JIS 0B)	B (Linner Taper :JIS 0B)	B (Linner Taper :JIS 0B)
<b>Temperature Coefficient</b> 温度係数	Within ±200ppm/°C at 500Ω to Less than 100kΩ Within ±300ppm/°C at Less than 500Ω & 100kΩ or more.	Within ±200ppm/°C at 500Ω to Less than 100kΩ Within ±300ppm/°C at Less than 500Ω & 100kΩ or more.	Within ±200ppm/°C at 500Ω to Less than 100kΩ Within ±300ppm/°C at Less than 500Ω & 100kΩ or more.	Within ±200ppm/°C at Less than 100kΩ Within ±300ppm/°C at 100kΩ or more.	Within ±300ppm/°C
<b>Total Rotational Angle</b> 全回転角度	200±20°	200±10°	200±10°	260±10°	200±10°
<b>Rotational Torque</b> 回転トルク	2-20mN·m {20-204gf·cm}	3-30mN·m {31-306gf·cm}	3-25mN·m {31-255gf·cm}	3-30mN·m {31-306gf·cm}	3-35mN·m {31-357gf·cm}
<b>Operating Life</b> 耐回転性	20 cycles	50 cycles	50 cycles	100 cycles	100 cycles
<b>Weight at 100pcs</b> 重さ (100個)	21.6g	PV: 37.0g PH: 37.0g	PV: 43.7g PH: 44.0g	PV: 71.0g PH: 68.0g	PV: 74.5g PH: 79.9g

**※ Resistance Range**  
(100Ω), 200Ω, 500Ω  
1kΩ, 2kΩ, 5kΩ  
10kΩ, 20kΩ, 50kΩ  
100kΩ, 200kΩ, 500kΩ, 1MΩ

- Specifications in this catalog are presented basically for informative purposes. We request the exchange of official approval drawings before placing order.
- 当カタログは参考仕様ですので、ご使用にあたっては正式納入仕様書の取り交わしをお願いします。