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Jameco Part Number 1875466

● Part Numbering

Trimmer Potentiometers

(Part Number)

PV	Z3	A	103	A01	R00
①	②	③	④	⑤	⑥

① Product ID

Product ID	
PV	Trimmer Potentiometers

② Series

③ Adjustment Direction /Lead Type

Code	Series	Code	Adjustment Direction/ Lead Type
Z2	SMD Open 2mm Size Carbon Resistive Element	A	Top
		R	Rear
A2	SMD Open 2mm Size	A	Top
Z3	SMD Open 3mm Size Carbon Resistive Element	A	Top
		G	Top
		K	Rear
F2	SMD Sealed 2mm Size	R	Rear
		A	Top
		G	Top, J-hook
G3	SMD Sealed 3mm Size	G	Top, Gull-wing
		K	Rear
		A	Top
M4	SMD Sealed 4mm Size	A	Top
G5	SMD Sealed 5mm Square 11-turns	A	Top
		H	Side
32	Lead Sealed 6mm Round Single-turn	H	Top, Triangle
		P	Top, Triangle
		R	Top, Inline
		N	Side, Triangle
		T	Side, Triangle
		S	Side, Triangle
12	Lead Sealed 7mm Round 4-turns	H	Top, Triangle
		P	Top, Triangle
		T	Side, Triangle
		S	Side, Triangle
36	Lead Sealed 10mm Square 25-turns	W	Top, Inline
		Y	Top, Triangle
		P	Side, Triangle
		X	Side, Inline
		Z	Side, Triangle
37	Lead Sealed 6mm Square 12-turns	W	Top, Triangle
		Y	Top, Inline
		P	Side, Triangle
		X	Side, Triangle
		Z	Side, Inline

④ Total Resistance

Expressed by three figures. The unit is ohm. The first and second figures are significant digits, and the third figure expresses the number of zeros which follow the two figures.

Ex.)	Code	Total Resistance
	100	10Ω
	102	1000Ω
	104	100000Ω (=100kΩ)

⑤ Individual Specification

Series	Code	Individual Specification Code
PVA2	A01	Standard Type
PVZ2	C04	Standard Type (High-heat Resistance Type/Ultra-thin Type)
	C01	Standard Type (High-heat Resistance Type/Top Adjustment)
	F01	High Characteristic Carbon Type (only PVZ3G)
PVZ3	E01	High-heat Resistance Type (for Rear Adjustment)
	C01	Standard Type
	D01	High-liability Type
PVM4	A11	Standard Type (Resistance Change Characteristics: Linear)
	A41	Standard Type (Resistance Change Characteristics: Log Curve)
	A81	Standard Type (Resistance Change Characteristics: Log Curve)
	A51	Standard Type (Resistance Change Characteristics: Log-log Curve)
	A91	Standard Type (Resistance Change Characteristics: Log-log Curve)
PV32/PV12	A01	Standard Type
PVG3/PVG5/ PV36/PV37	C01	Standard Type
PV36/PV37	C01	Standard Type
	C31	Radial Taping

⑥ Packaging

Code	Packaging
A00	Ammo Pack
B00	Bulk
M00*	Magazine
R00	Reel

* M12 for PV36P Type and M15 for PV36W/Y/X/Z Type.

Temperature Cycle	ΔTR : $\pm 2\%$ $\Delta V.S.S.$: $\pm 1\%$
Humidity	ΔTR : $\pm 2\%$ IR : 100M ohm min.
Vibration (20G)	ΔTR : $\pm 1\%$ $\Delta V.S.S.$: $\pm 1\%$
Shock (100G)	ΔTR : $\pm 1\%$ $\Delta V.S.S.$: $\pm 1\%$
Temperature Load Life	ΔTR : $\pm 3\%$ $\Delta V.S.S.$: $\pm 1\%$
Low Temperature Exposure	ΔTR : $\pm 2\%$ $\Delta V.S.S.$: $\pm 1\%$
High Temperature Exposure	ΔTR : $\pm 3\%$ $\Delta V.S.S.$: $\pm 1\%$
Rotational Life	ΔTR : $R \leq 1k \text{ ohm}, R \geq 500k \text{ ohm} \cdots \pm 5\%$ $1k \text{ ohm} < R < 500k \text{ ohm} \cdots \pm 3\%$ (200 cycles)

ΔTR : Total Resistance Change

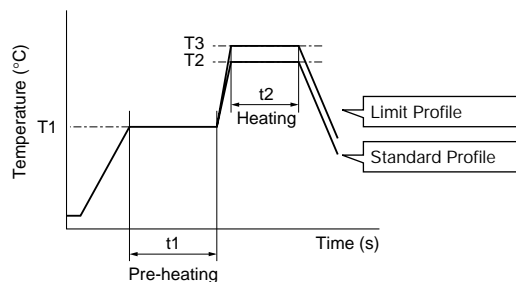
$\Delta V.S.S.$: Voltage Setting Stability

IR : Insulation Resistance

R : Standard Total Resistance

● Flow Soldering Profile

Soldering profile for Lead-free solder (96.5Sn/3.0Ag/0.5Cu), Eutectic solder (63Sn/37Pb)



Series	Standard Profile					Limit Profile				
	Pre-heating		Heating		Cycle of Flow	Pre-heating		Heating		Cycle of Flow
	Temp. (T1)	Time (t1)	Temp. (T2)	Time (t2)		Temp. (T1)	Time (t1)	Temp. (T3)	Time (t2)	
	°C	sec.	°C	sec.	Time	°C	sec.	°C	sec.	Time
PV12 PV37 PV36	150	60 to 120	250	5 max.	1	150	60 to 120	260	3 max.	1

● Soldering Iron

Series	Standard Condition			
	Temperature of Soldering Iron Tip	Soldering Time	Soldering Iron Power Output	Cycle of Soldering Iron
	°C	sec.	W	Time
PV12 PV37 PV36	350±10	3 max.	30 max.	1