

TRIMMER POTENTIOMETERS

Chip Trimmer Potentiometers

- POZ3/RVG3/RVG4 Series

POZ3AN-1
(automatic adjustment type)



RVG3A01



RVG3A08
(automatic adjustment type)



RVG4M08/58
(closed type)



(in mm)

Model	Soldering	Standard Resistance Range (Ω)	Resistance Tolerance (%)	Power Rating (W)	Effective Electrical Rotation	Temp. Coefficient of Resistance (ppm/ $^{\circ}$ C)
POZ3AN-1	Reflow	200 to 2M	± 30	0.1 at 50 $^{\circ}$ C	230 $\pm 10^{\circ}$	± 500
RVG3A01	Flow and Reflow	100 to 2M	± 25	0.1 at 70 $^{\circ}$ C	270 $\pm 10^{\circ}$	± 250
RVG3A08		200 to 2M				
RVG4M58		100 to 2M	± 20	0.25 at 70 $^{\circ}$ C	240 $\pm 10^{\circ}$	± 100 (200 Ω \leq R < 100k Ω) ± 150 (100 Ω - 100k Ω \leq R)

Features

1. Wide variety of size, terminal and driver plate configurations are available.
2. Plated electrode with nickel barrier layer on the #1/#3 terminal provides a higher resistance to solder leaching.
3. RVG4M58, a high grade type with TCR of ± 100 to ± 150 ppm/ $^{\circ}$ C, is also available.

Minimum Quantity (order in sets only)

- Bulk
1,000 pcs. (POZ series)
500 pcs. (RVG series)

Taping

- POZ3 : 2,000 pcs./reel
- RVG3A01 : 2,500 pcs./reel
- RVG3A08 : 2,000 pcs./reel
- RVG4M : 500 pcs./reel

Part Numbering (* Please specify the part number when ordering)

(Ex.)

POZ3 AN - 1 103 N - T00

1 2 3 4 5 6

1 Model of trimmer potentiometer

2 Type

3 Other code

4 Resistance code (Ex.) 10k Ω \rightarrow 103, 200 Ω \rightarrow 201

5 Resistance tolerance N: $\pm 30\%$ (POZ3 series)

VM: $\pm 25\%$ (RVG3, RVG4M08)

M: $\pm 20\%$ (RVG4M58 only)

6 Packaging method

No code : Bulk 1,000 pcs./bag (Standard)
500 pcs./bag (RVG4M only)

T00 : Taping 2,000 pcs./reel (POZ3)

TL : Taping 2,500 pcs./reel (RVG3A01)

TP : Taping 2,000 pcs./reel (RVG3A08)

TG : Taping 500 pcs./reel (RVG4M)

RVG 3A08 - 103 VM - TP

1 2 4 5 6

SMD type Trimmer Potentiometer

- POG5 Series

NEW

POG5AN
(Top Adjustment)



NEW

POGHN
(Side Adjustment)



(in mm)

Model	Soldering	Standard Resistance Range (Ω)	Resistance Tolerance (%)	Power Rating (W)	Effective Electrical Number of Turns	Temp. Coefficient of Resistance (ppm/ $^{\circ}$ C)
POG5	Reflow	10 - 2M	± 10	0.25 at 70 $^{\circ}$ C	11-turns	± 200 (R \leq 100 Ω) ± 100 (R \geq 200 Ω)

Features

1. High resolution resulting from 11-turns design enables precise adjustment.
2. 5mm miniature size lead a high density PCB mounting
3. Compatible with VPS reflow soldering method
4. Compatible with ultrasonic cleaning
5. Clutch mechanism prevents excessive wiper rotation.

Minimum Quantity (order in sets only)

- Taping
POG5AN : 250 pcs./reel
POG5HN : 500 pcs./reel

Bulk

- 50 pcs./bag

Part Numbering (* Please specify the part number when ordering)

(Ex.)

POG5 AN - 1 - 103 K - T00

1 2 3 4 5 6

1 Model of trimmer potentiometer

2 Figure number AN : Top adjustment

HN : Side adjustment

3 Other code 1 : Standard

4 Resistance code (Ex.) 10k Ω \rightarrow 103, 200 Ω \rightarrow 201

5 Resistance tolerance K : $\pm 10\%$

6 Packaging method

No code : Bulk 50 pcs./bag

T00 : Taping 250 pcs./reel (POG5AN)

Taping 500 pcs./reel (POG5HN)