



TRIMMER POTENTIOMETER



Chip Trimmer Potentiometer **RVG4H** Series

Typical 4mm Square SMD Trimmer Potentiometer.

■FEATURES

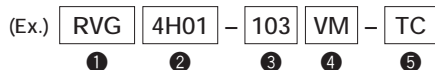
The RVG4H series terminations have a better solder ability as well as higher solder leaching resistance of #1-#3 terminals with its nickel barrier layer construction, and have ultra-low profile design (t=1.5mm) and light weight (w≈60mg).

■APPLICATIONS

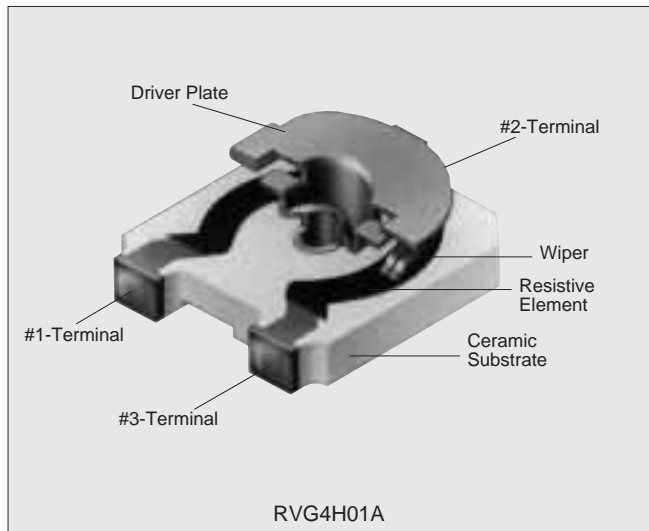
Small TV set, VCR camera, Microcassette recorder, Personal computer, Printer, Pager, Medical equipment, Telephone Micro motor, and other consumer and industrial equipment.

■PART NUMBERING

(Please specify the part number when ordering.)



- ① Model
- ② Model number
- ③ Resistance code
- ④ Total resistance tolerance
VM : ±25%
- ⑤ Packaging code
Taping : TC1000pcs./reel (180mm dia.)
Bulk : No codes...500pcs./bag



■RATINGS

Item	RVG4H
Standard Total Resistance Range	100Ω to 2MΩ
Total Resistance Tolerance	±25
Taper	B (Linear)
Power Rating	1/10W (70°C)
Max. Working Voltage	50Vdc
Operating Temperature Range	-55°C to +125°C
Rotational Torque	2.0-24.5mNm (20-250gf·cm)
Effective Rotational Angle	270°±10°

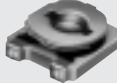
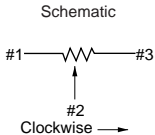
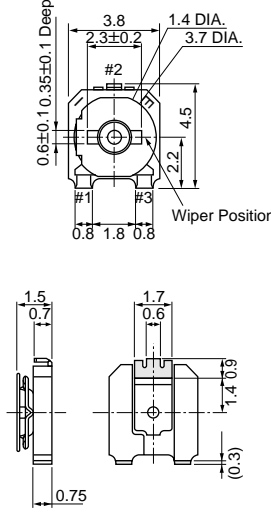
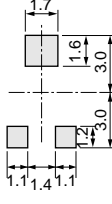
■OTHERS

- See pages 43 to 44 for Notice
- See page 45 for test methods

■ENVIRONMENTAL CHARACTERISTICS

Item	RVG4H
Humidity Exposure	Res. Change : ±3%
High Temperature Exposure	Res. Change : ±3%
Humidity Load Life	Res. Change : ±3%
Load Life	Res. Change : ±3%
Temperature Cycle	Res. Change : ±3%
Temperature Coefficient of Resistance	±250ppm/°C
Rotational Life	Res. Change : ±10% (20 cycles)

■PART NUMBER TABLE

Standard Total Resistance Values	Model Number
	3-Terminal (Low Profile) Reflow Soldering only
	
100Ω	RVG4H01-101VM
200Ω	RVG4H01-201VM
300Ω	RVG4H01-301VM
500Ω	RVG4H01-501VM
1kΩ	RVG4H01-102VM
2kΩ	RVG4H01-202VM
3kΩ	RVG4H01-302VM
5kΩ	RVG4H01-502VM
10kΩ	RVG4H01-103VM
20kΩ	RVG4H01-203VM
30kΩ	RVG4H01-303VM
50kΩ	RVG4H01-503VM
100kΩ	RVG4H01-104VM
200kΩ	RVG4H01-204VM
300kΩ	RVG4H01-304VM
500kΩ	RVG4H01-504VM
1MΩ	RVG4H01-105VM
2MΩ	RVG4H01-205VM
Outline dimensions	<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"> <p>Schematic</p>  </div> <div>  </div> </div> <p>[in mm Standard tolerance : ±0.3]</p>
Standard PCB layout	 <p>[in mm Standard tolerance : ±0.1]</p>

* Consult us for special resistance.