

RVG3A08 Series

Top adjustment (for automatic adjustment)



RVG3S08 Series

Rear adjustment (for automatic adjustment with stopper)



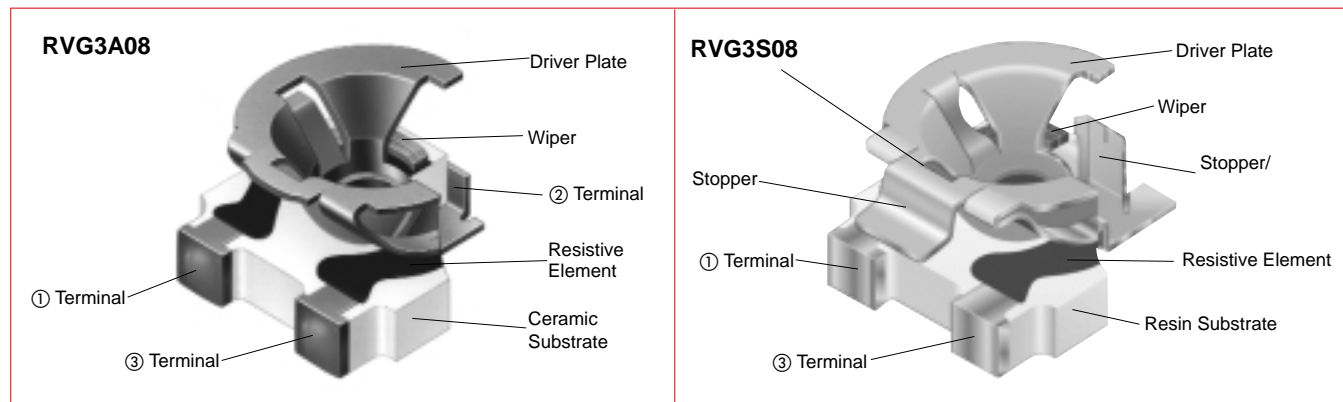
FEATURES

- Single-turn cermet; square; 3.0mm package
- Funnel shaped slot allows for in-process automatic adjustment providing superior adjustability, (RVG3A08 Series).
- Miniature package allows high density PCB mounting.
- Plated termination achieves high resistance to solder leaching.
- Recommended for both reflow and flow soldering method (Need cleaning for flow soldering method.)
- RVG3S08 Series is thin (1.5mm) automatic adjustment with stopper type.

APPLICATIONS

Camcorders, video disk players, TFT-LCD TV sets, headphone stereos, cordless telephones, micro-motors, optical cameras, car stereos

CONSTRUCTION



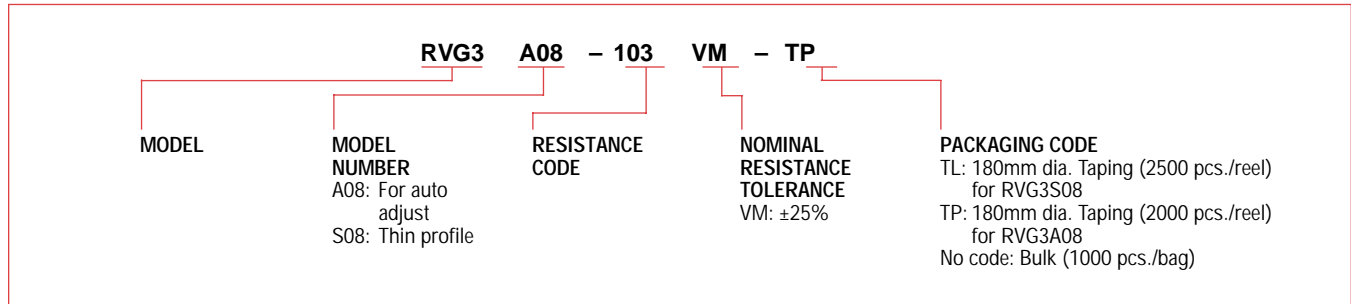
SPECIFICATIONS

Item	
Standard Resistance Range	100Ω to 2MΩ
Resistance Tolerance	±25%
Taper	B (Linear)
Power Rating	1/10W (70°C)
Maximum 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°
Stop Strength	29.4mNm (300gf • cm) min.: RVG3S08 only

ENVIRONMENTAL SPECIFICATIONS

Item	
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% (10 cycles)

PART NUMBERING SYSTEM



PART NUMBER TABLE

Nominal Resistance Values	Model Number	
	3-Terminal (for automatic adjustment)	3-Terminal
100Ω	RVG3A08-101VM	RVG3S08-101VM
200Ω	RVG3A08-201VM	RVG3S08-201VM
300Ω	RVG3A08-301VM	RVG3S08-301VM
500Ω	RVG3A08-501VM	RVG3S08-501VM
1kΩ	RVG3A08-102VM	RVG3S08-102VM
2kΩ	RVG3A08-202VM	RVG3S08-202VM
3kΩ	RVG3A08-302VM	RVG3S08-302VM
5kΩ	RVG3A08-502VM	RVG3S08-502VM
10kΩ	RVG3A08-103VM	RVG3S08-103VM
20kΩ	RVG3A08-203VM	RVG3S08-203VM
30kΩ	RVG3A08-303VM	RVG3S08-303VM
50kΩ	RVG3A08-503VM	RVG3S08-503VM
100kΩ	RVG3A08-104VM	RVG3S08-104VM
200kΩ	RVG3A08-204VM	RVG3S08-204VM
300kΩ	RVG3A08-304VM	RVG3S08-304VM
500kΩ	RVG3A08-504VM	RVG3S08-504VM
1MΩ	RVG3A08-105VM	RVG3S08-105VM
2MΩ	RVG3A08-205VM	RVG3S08-205VM

DIMENSIONS: mm

RVG3A08

Standard PCB Layout

RVG3S08

Standard PCB Layout

Standard Tolerance: ±0.3

RESISTOR PRODUCTS