



TRIMMER POTENTIOMETER



Single-turn Cermet Trimmer Potentiometer POT3104 Series

Sealed construction with 9.6mm square

FEATURES

1. Single-turn, cermet construction in 9.6mm square.
2. Flammability:UL94V-0.
3. Compatible with ultrasonic cleaning
(See pages 43 to 44 for details).

APPLICATIONS

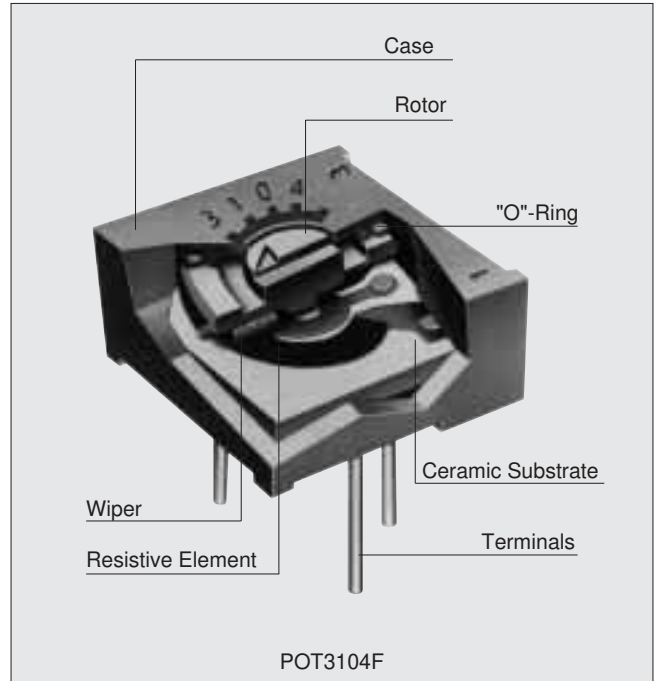
TVs, HDTVs, Professional cameras, Facsimile machines, Printers, CPUs, Switching power supplies

PART NUMBERING

(Please specify the part number when ordering.)



- ① Model
- ② Model number
- ③ Terminal style
- ④ Options 1 : Standard
- ⑤ Resistance code



RATINGS

Standard Total Resistance Range	10Ω to 2MΩ
Total Resistance Tolerance	±10% of standard total resistance value
Power Rating	70°C – 0.5W 125°C – 0W
Max. Working Voltage	300Vdc
Max. Wiper Current	100mA max.
Operating Temperature Range	–55°C to +125°C
Effective Rotational Angle	280°±15°
Residual Resistance	2Ω max.
Contact Resistance Variation	1% or 1Ω max. whichever is greater
Dielectric Strength	900Vac
Insulation Resistance	1000MΩ min. (500Vdc)
Torque	35.3mNm (360gf·cm) max.
Stop Strength	68.6mNm (700gf·cm) min.

OTHERS

- See pages 43 to 44 for Notice
- See pages 46 to 47 for test methods

ENVIRONMENTAL CHARACTERISTICS

Temperature Coefficient of Resistance	±100ppm/°C
Temperature Cycle	ΔTR ±2% ΔV.S. S. ±1%
Humidity Exposure	ΔTR ±2% IR 100MΩ min.
Vibration (20G)	ΔTR ±1% ΔV.S. S. ±1%
Shock (100G)	ΔTR ±1% ΔV.S. S. ±1%
Load Life	ΔTR ±2% ΔV.S. S. ±2%
Low Temperature Exposure	ΔTR ±1% ΔV.S. S. ±1%
High Temperature Exposure	ΔTR ±2% ΔV.S. S. ±1%
Rotational Life (200 cycles)	No intermittence on resistance change

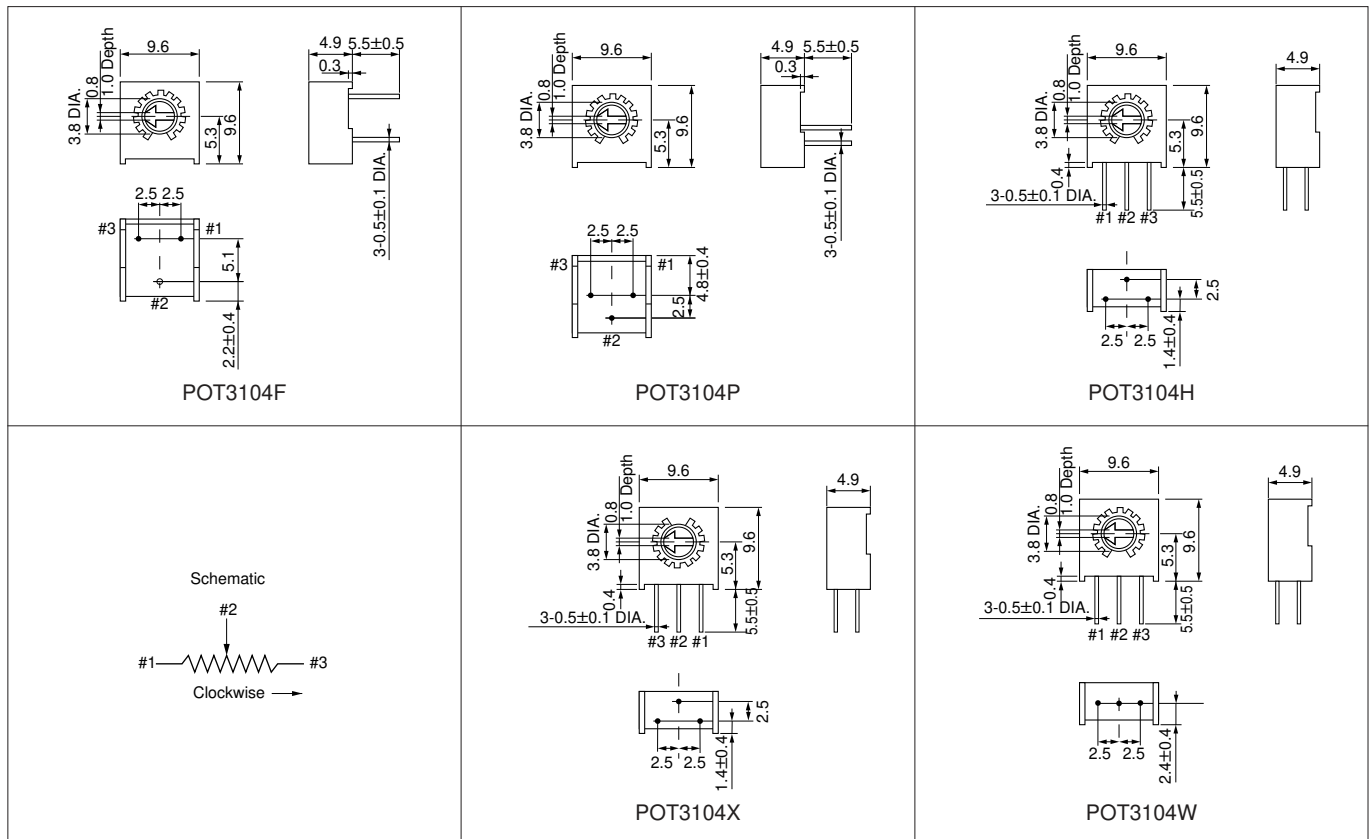
ΔTR : Total Resistance Change
 ΔV.S.S. : Voltage Setting Stability
 IR : Insulation Resistance

MINIMUM QUANTITY (order in sets only)
 100 pcs./bag

■PART NUMBER TABLE

Standard Total Resistance Values	Model Number				
	Top Adjustment (F)	Top Adjustment (P)	Side Adjustment (H)	Side Adjustment (X)	Side Adjustment (W)
10Ω	POT3104F-1-100	POT3104P-1-100	POT3104H-1-100	POT3104X-1-100	POT3104W-1-100
20Ω	POT3104F-1-200	POT3104P-1-200	POT3104H-1-200	POT3104X-1-200	POT3104W-1-200
50Ω	POT3104F-1-500	POT3104P-1-500	POT3104H-1-500	POT3104X-1-500	POT3104W-1-500
100Ω	POT3104F-1-101	POT3104P-1-101	POT3104H-1-101	POT3104X-1-101	POT3104W-1-101
200Ω	POT3104F-1-201	POT3104P-1-201	POT3104H-1-201	POT3104X-1-201	POT3104W-1-201
500Ω	POT3104F-1-501	POT3104P-1-501	POT3104H-1-501	POT3104X-1-501	POT3104W-1-501
1kΩ	POT3104F-1-102	POT3104P-1-102	POT3104H-1-102	POT3104X-1-102	POT3104W-1-102
2kΩ	POT3104F-1-202	POT3104P-1-202	POT3104H-1-202	POT3104X-1-202	POT3104W-1-202
5kΩ	POT3104F-1-502	POT3104P-1-502	POT3104H-1-502	POT3104X-1-502	POT3104W-1-502
10kΩ	POT3104F-1-103	POT3104P-1-103	POT3104H-1-103	POT3104X-1-103	POT3104W-1-103
20kΩ	POT3104F-1-203	POT3104P-1-203	POT3104H-1-203	POT3104X-1-203	POT3104W-1-203
25kΩ	POT3104F-1-253	POT3104P-1-253	POT3104H-1-253	POT3104X-1-253	POT3104W-1-253
50kΩ	POT3104F-1-503	POT3104P-1-503	POT3104H-1-503	POT3104X-1-503	POT3104W-1-503
100kΩ	POT3104F-1-104	POT3104P-1-104	POT3104H-1-104	POT3104X-1-104	POT3104W-1-104
200kΩ	POT3104F-1-204	POT3104P-1-204	POT3104H-1-204	POT3104X-1-204	POT3104W-1-204
250kΩ	POT3104F-1-254	POT3104P-1-254	POT3104H-1-254	POT3104X-1-254	POT3104W-1-254
500kΩ	POT3104F-1-504	POT3104P-1-504	POT3104H-1-504	POT3104X-1-504	POT3104W-1-504
1MΩ	POT3104F-1-105	POT3104P-1-105	POT3104H-1-105	POT3104X-1-105	POT3104W-1-105
2MΩ	POT3104F-1-205	POT3104P-1-205	POT3104H-1-205	POT3104X-1-205	POT3104W-1-205

■OUTLINE DIMENSIONS



[in mm
Standard tolerance : ±0.3]