

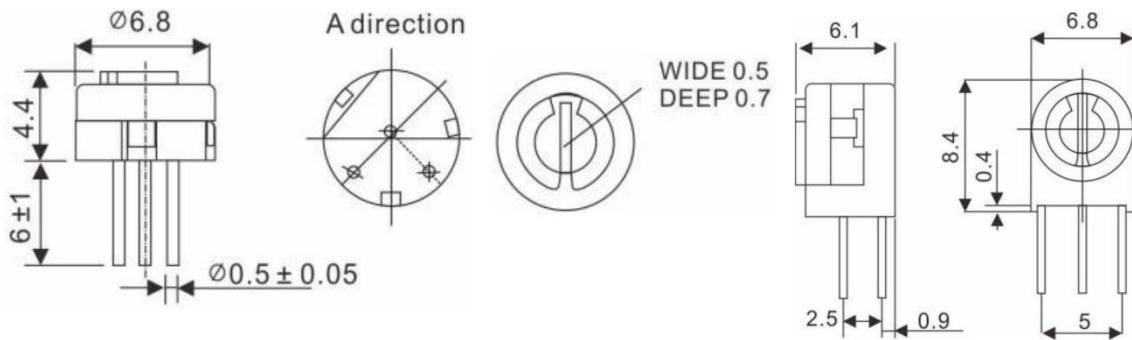
FEATURES

Single Turn/ Cermet/ Industrial/ Sealed.
4 Terminal Styles.

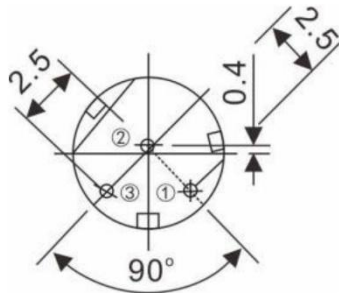
DRAWING (mm)



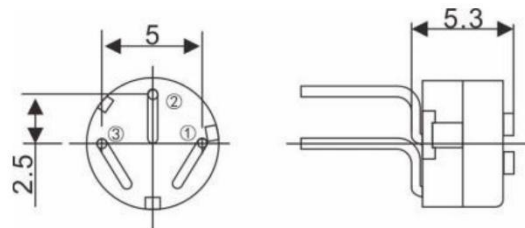
WTP-3329



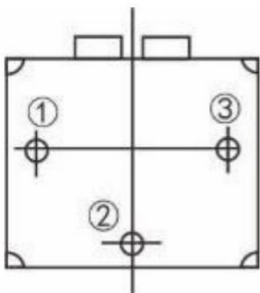
WTP-3329H



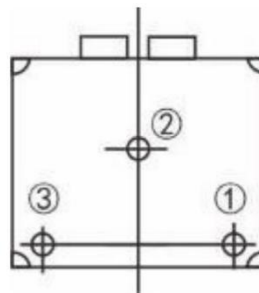
WTP-3329P



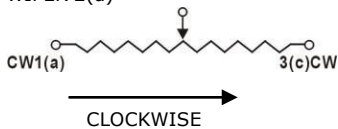
WTP-3329S



WTP-3329W



WIPER 2(d)



Tolerance is ±0.25 if no identification



SPECIFICATIONS

Electrical Characteristics	
Standard Resistance Range	100Ω - 2MΩ
Resistance Tolerance	±10% ; ±20% for 10 ohm
Absolute Minimum Resistance	≤10Ω (100Ω≤R≤1KΩ) ≤1%R (R>1KΩ)
Contact Resistance Variation	CRV≤3% or 5Ω (whichever is larger)
Insulation Resistance	R1≥1GΩ(500Vdc)
Withstand Voltage	500VAC
Effective Travel	230°

Environmental Characteristics	
Power Rating (300volts max)	0.5W@70°C, 0W@125°C
Temperature Range	-55°C ~ +125°C
Temperature Coefficient	±250x10 ⁻⁶ /°C (±100ppm/°C on request)
Temperature Variation	-55°C,30min, +125°C/30min, 5 cycles ΔR≤±2%R,Δ(Uab/Uac)≤±2%R
Vibration	10 – 500Hz, 0.75mm, 6h ΔR≤±1%R,Δ(Uab/Uac)≤±2%R
Collision	390m/s ² ,4000cycles,ΔR≤±1%R
Electrical Endurance at 70°C	0.5W@70°C1000h, ΔR≤±(5%R+0.1Ω), CRV≤±3% or 5Ω (whichever is larger)
Rotational Life	200 cycles ΔR≤±(10%R+0.5 Ω), CRV≤±3% or 5Ω (whichever is larger)

Physical Characteristics	
Starting Torque	≤35mN·m
Marking	Resistance Tolerance (When no identification, it is of ± 10%) Resistance Code, Model
Standard Packaging	50pcs, per tube



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PN STRUCTURE

WTP-3329W-103-R

<u>WTP</u>	<u>3329</u>	<u>W</u>	<u>103</u>	<u>R</u>
<u>Series</u>		<u>Style</u>	<u>Resistance</u>	<u>RoHS</u>
1		2	3	4

3. Resistance (Special Resistances Available)

Resistance Code	Resistance (Ohms Ω)	Resistance Code	Resistance (Ohms Ω)
101	100	253	25,000
201	200	303	30,000
501	500	503	50,000
102	1,000	104	100,000
152	1,500	154	150,000
202	2,000	204	200,000
252	2,500	254	250,000
302	3,000	304	300,000
502	5,000	504	500,000
103	10,000	105	1,000,000
153	15,000	205	2,000,000
203	20,000		

