

TSR-3329



■ (Single Turn/ Cermet/ Industrial/ Sealed)

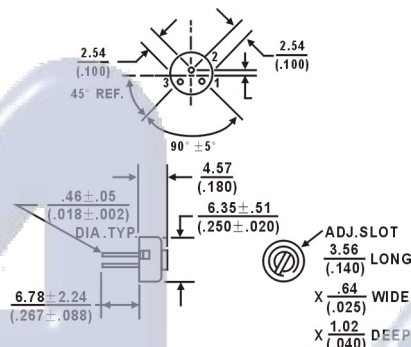
■ (4 Terminal Styles)

Electrical Characteristics	
Standard Resistance Range	50Ω - 2MΩ
Resistance Tolerance	±10% (±20% only for 10 ohm)
Absolute Minimum Resistance	≤1% R 10n
Contact Resistance Variation	CRV≤3% 5n
Insulation Resistance	R _I ≥1GΩ(100Vac)
Withstand Voltage	500Vac
Effective Travel	280° ± 10°

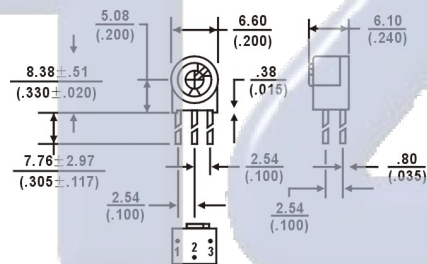
Environmental Characteristics	
Power Rating (315volts max)	0.5W@70°C, 0W@125°C
Temperature Range	-55°C ~ +125°C
Temperature Coefficient	General offer ±250 ppm/°C (±100ppm/°C is available if request.)
Temperature Variation	-55°C, 30min, +125°C ΔR≤5%R, Δ(Uab/Uac)≤5%
Vibration	10 – 500Hz, 0.75mm, 6h ΔR≤5%R, Δ(Uab/Uac)≤7.5%R
Collision	390m/s ² , 4000cycles, ΔR≤5%R
Electrical Endurance at 70°C	0.5W@70°C 1000h, ΔR≤10%R CRV≤3% or 5Ω
Rotational Life	(200 cycles) ΔTR≤4%R, CRV≤3% or 5n

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

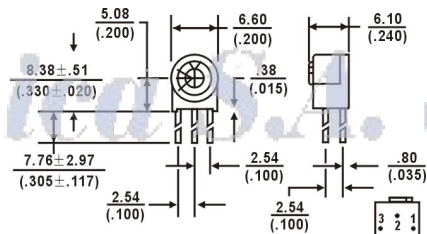
Common Dimensions
TSR-3329H



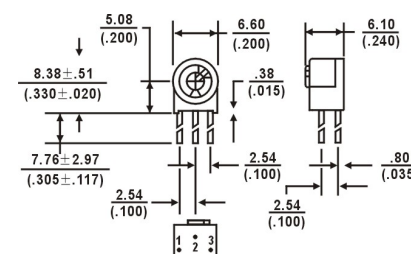
TSR-3329S



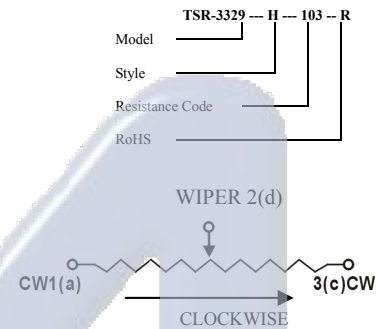
TSR-3329W



TSR-3329X



How to Order



Tolerance is ±0.25 if no identification

Standard Resistance table

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

Special resistances available.

Note: Specification are subject to change without notice. For more detail and update, please visit our website.