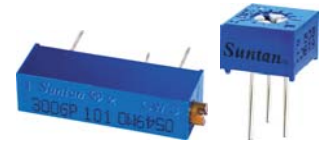


TSR-3006 & 3362



TSR-3006

- (Multiturn/ Cermet/ Industrial/ Sealed)
- (3 Terminal Styles)

TSR-3362

- (Single Turn/ Cermet/ Industrial/ Sealed)
- (9 Terminal Styles)

TSR-3006

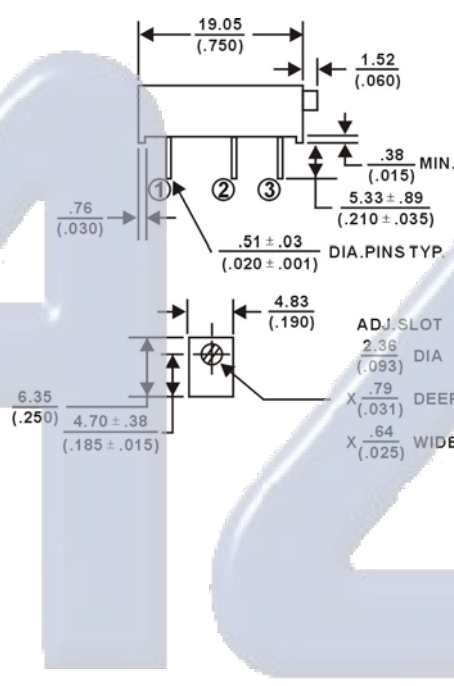
TSR-3362

Electrical Characteristics		
	TSR-3006	TSR-3362
Standard Resistance Range	10Ω - 5MΩ	10Ω - 5MΩ
Resistance Tolerance	±10%	±10%
	(±20% only for 10 ohm)	
Absolute Minimum Resistance	≤1% R or 5n	≤1% R or 10n
Contact Resistance Variation	CRV≤4%或 5n	CRV≤3%或 5Ω
Insulation Resistance	RI≥1GΩ(100Vac)	RI≥1GΩ(500Vac)
Withstand Voltage	640Vac	700Vac
Effective Travel	22±2 turns nom	250°±10°

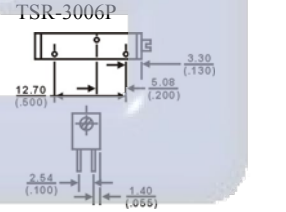
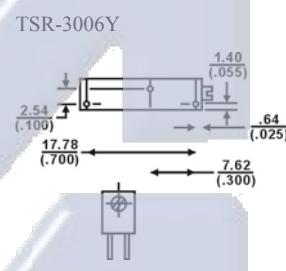
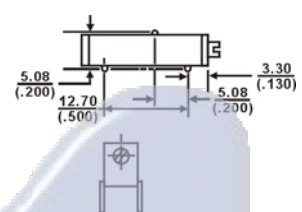
Environmental Characteristics		
	TSR-3006	TSR-3362
Power Rating (315volts max)	0.75W@70°C, 0W@125°C	0.5W@70°C, 0W@125°C
Temperature Range	-55°C ~ +125°C	-55°C ~ +125°C
Temperature Coefficient	General offer ±250 ppm/°C (±100ppm/°C is available if request.)	General offer ±250 ppm/°C (±100ppm/°C is available if request.)
Temperature Variation	-55°C, 30min, +125°C	-55°C, 30min, +125°C
Vibration	ΔR≤5%R, Δ(Uab/Uac)≤5% 10 ~ 500Hz, 0.75mm, 6h	ΔR≤5%R, Δ(Uab/Uac)≤7.5% 10 ~ 500Hz, 0.75mm, 6h
Collision	390m/s², 4000cycles, ΔR≤2%R	390m/s², 4000cycles, ΔR≤5%R
Electrical Endurance at 70°C	0.75W@70°C 1000h, ΔR≤5%R CRV≤3% or 5Ω	0.5W@70°C 1000h, ΔR≤10%R RI≥100MΩ
Rotational Life	(200 cycles) ΔTR≤10%R, CRV≤3% or 5n	(200 cycles) ΔTR≤10%R, CRV≤3% or 5n

TSR-3006

Common Dimensions

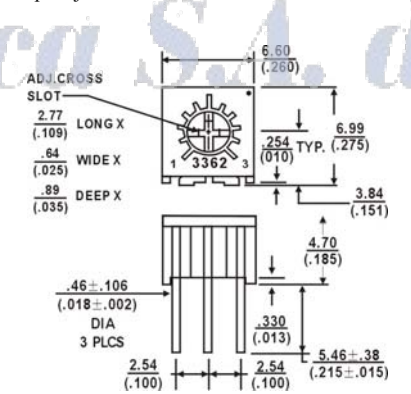


TSR-3006W

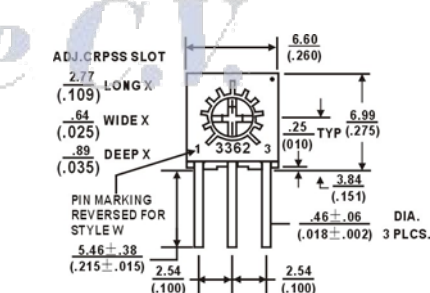


TSR-3362

Common Dimensions
Top Adjust



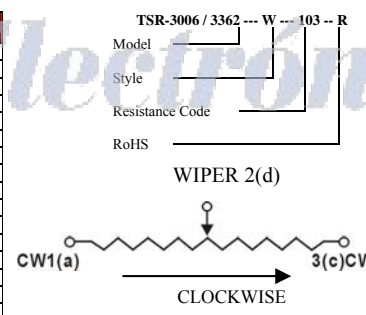
Common Dimensions
Side Adjust



Standard Resistance table

Resistance(Ohms)	Resistance Code
10	100
20	200
50	500
100	101
150	151
200	201
250	251
300	301
470	471
500	501
680	681
1,000	102
1,500	152
2,000	202
2,200	222
2,500	252
3,000	30
4,700	472
5,000	502
6,800	682
10,000	103
15,000	153
20,000	203
22,000	223
25,000	253
30,000	303
33,000	333
47,000	473
50,000	503
68,000	683
100,000	104
150,000	154
200,000	204
220,000	224
250,000	254
300,000	304
330,000	334
470,000	474
500,000	504
680,000	684
1,000,000	105
2,000,000	205
2,200,000	225
5,000,000	505

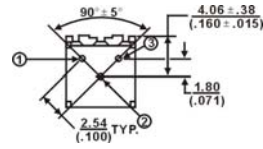
How to Order



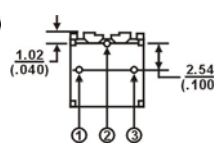
Tolerance is ±0.25 if no identification

Physical Characteristics		
	TSR-3006	TSR-3362
Starting Torque	≤35mN·m	≤35mN·m
Marking	Resistance Tolerance When no identification, it is of ± 10%	Resistance Tolerance When no identification, it is of ± 10%
Standard Packaging	(25pcs, per tube)	(50pcs, per tube)

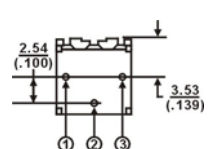
TSR-3362H



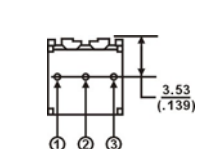
TSR-3362R



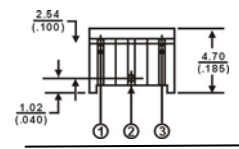
TSR-3362P



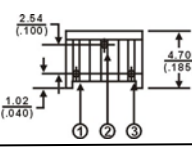
TSR-3362U



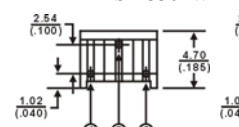
TSR-3362S



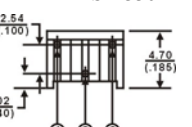
TSR-3362X



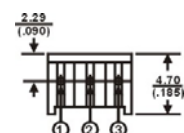
TSR-3362W



TSR-3362Z



TSR-3362M



Special resistances available.

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