## **Wirewound Potentiometer-TSR-02**

## Suntan<sub>®</sub>

## **TSR-02**



Common Dimensions

Electrical Characteristics	
Standard Resistance Range	100Ω~100ΚΩ
Resistance Tolerance	±5%
Independent Linearity	±0.25%
Terminal Resistance	≤0.2%R or 5Ω
Contact Resistance Variation (CRV)	≤3%R or 3Ω
Insulation Resistance	R1≥1GΩ
Withstand Voltage	101.3kPa 710V 8.5kPa 470V
Rated Power	2W (315V max)
Effective Electrical Travel	≥3600° -10°

0ΚΩ	
<b>%</b>	
or 5Ω	
:3Ω	
$\Omega$	
710V	ļ
70V	<u> </u>
max)	1
·10°	L

1.125±.031 28.58±0.79	← Mounting Surface  ← Dim. A ← ,
\ \frac{.750\pmu0.16}{19.1\pmu0.41} \ \rightarrow \ \text{Slider} \ \rightarrow \ \text{CCW}	
t cm l	Dim. B
.080±.001 2.03±0.03 Dia062 +.000	Chamfer 2450 44 May 14 45
1.58 +0.00	.016/0.41 Max. x 45° Dim. D 312±.016 7.93±0.41

Environment Characteristics	
Temperature Range	-55°C~+125°C
Temperature Coefficient	±100ppm/°C
Temperature Variation	ΔR≤±2%R, ΔUab/Uac≤±1%R
Collision(390m/S^2, 4000 times)	ΔR≤±1%R
Vibration (10-500HZ, 0.75mm or 98m/S^26h)	ΔR≤±1%R, ΔUab/Uac≤±2%R
Climate Category	ΔR≤± 3%R, R1≥100MΩ
Electrical Endurance (70°C,2W,1000h)	ΔR≤± 3%R
Mechanical Endurance (10000 cycles)	ΔR≤± 3%R
Steady Damp-Heat	ΔR≤± 3%R, R1≥100MΩ

75° Max. <u>625</u> R Max.
.875±.016 22.2±0.41 Dia.
Slot: .032±.005/0.813±0.127 Wide X .032+.010000/0.813+0.254-0.000 Deep

Physical Characteristics	
Total Mechanical Travel	3600°±10°
Starting Torque	≤36mN.m
Clutch Torque	≤300mN.m

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