

# SCP 3386 Trimming Potentiometer

Semec

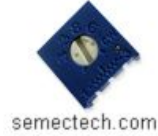
RoHS

## Features

Single turn, cement and sealed, industrial use  
8 terminal types

## Electrical Characteristics

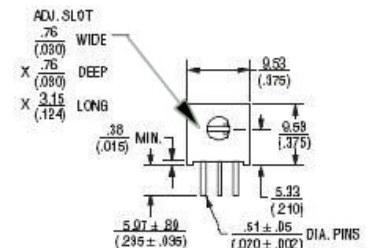
Standard Resistance Range	10 Ω - 2M Ω
Resistance Tolerance	±10%
Terminal Resistance	≤1% R or 2 Ω
Contact Resistance Variation	CRV ≤ 3 Ω or 3%R
Insulation Resistance	RI ≥ 1G Ω (100Vac)
Withstand Voltage	600VAC
Effective Electrical Travel	≥70% of mechanical travel



## Environmental Characteristics

Rated Power	0.5W@70°C, 0W@125°C
Temperature range	-55°C ~+125°C
Temperature Coefficient	±250ppm / °C, ±100ppm / °C
Collision	100m/s <sup>2</sup> , 4000times, ΔR ≤ ±2%R
Temperature Variation	-55°C, 30min, +125°C, 30min 5 cycles; ΔR ≤ 5%R; Δ(Uab/Uac) ≤ ±5%
Electrical Endurance at 85°C	0.5W, 96h ΔR ≤ ±10%R, Δ(Uav/Uac) ≤ ±10%
Electrical Endurance	200cycles, ΔR ≤ ±10%R

## Common dimension



## Physical Characteristics

Total mechanical travel	300° ± 10°
Starting Torque	≤35mN.m
Standard package	50pcs/tube

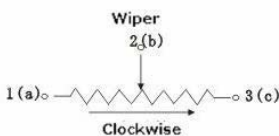
## How to order

SCP-3386 P- 103  
series style resistance code

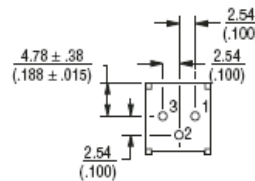
## Standard resistance

code	Resistance (Ω)
101	100
201	200
501	500
102	1,000
202	2,000
502	5,000
103	10,000
203	20,000
503	50,000
104	100,000
204	200,000
504	500,000
105	1,000,000

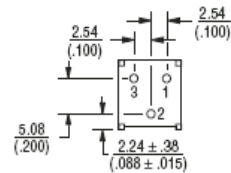
Special resistances are available.



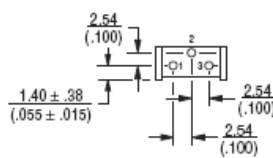
### 3386P



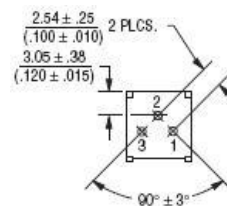
### 3386F



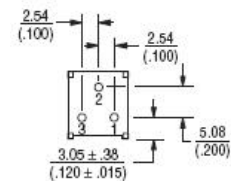
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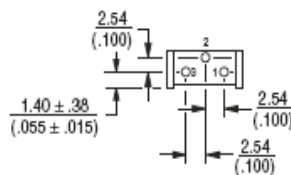
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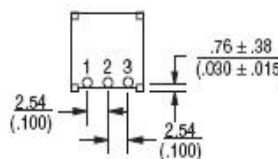
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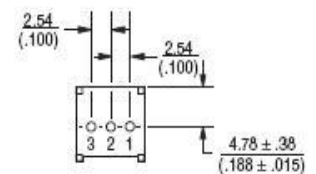
### 3386X



### 3386T



### 3386U



\* The spec is subject to change without notice. Please contact us if any further queries.