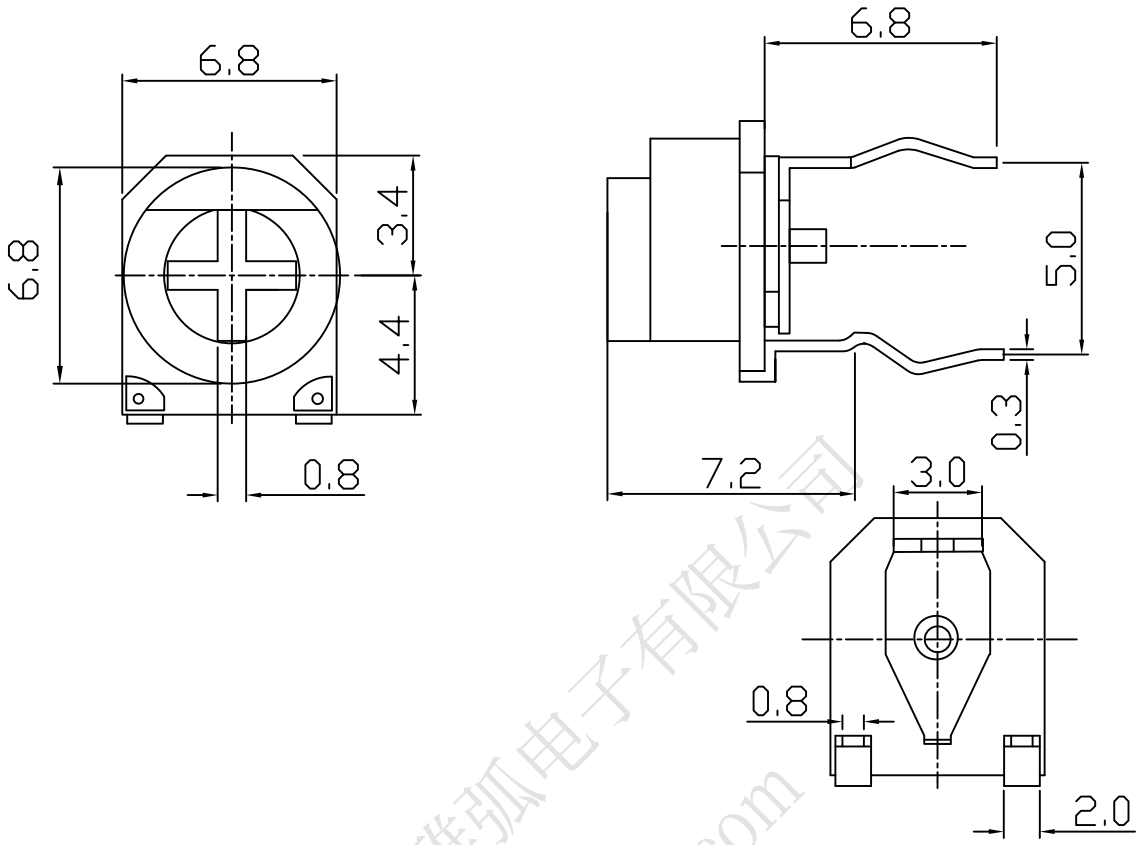
# 一、微調電阻系列技術規格書

Common Specification For Semi-Fixed Potentiometers

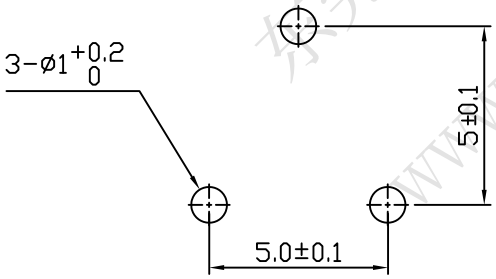
| 1. 電器性能 (Electrical Characteristic) | | |
|---|---|---|
| 序号 | 项目 | 特性 |
| 1.1 | 全阻抗值 (Total Resistance) | 1K～5MΩ |
| 1.2 | 全阻抗值允许偏差 (Total Resistance Tolerance) | ±10%, ±20% |
| 1.3 | 電阻隨溫度變化特性 (Resistance of temperature Change character) | 20℃～75℃:△R/R≤±5%,<br>-25℃～20℃:△R/R≤±4.5% |
| 1.4 | 阻值變化特性 (Resistance Taper) | B |
| 1.5 | 零位阻值 (Residual Resistance) | R≤10K 10ΩMax<br>R>10K 1%Max. |
| 1.6 | 額定功率 (Rated Power) | 0.25W |
| 1.7 | 最高使用電壓 (Max.Operating Voltage) | AC 100V |
| 1.8 | 動雜音 (Rotational Noise) | / |
| 1.11 | 潮濕環境下負載性能 (Load Life In Humidity) | 20%Max 350 hours rated in 90%RH 40℃ |
| 2. 機械性能 (Mechanical Characteristics) | | |
| 2.1 | 全回轉角度 (Rotation Angle) | 250° ±10° |
| 2.2 | 旋轉力矩 (Rotation Torque) | 30～300gf.cm |
| 2.3 | 轉動止檔強度 (Rotational Stop-End Torque) | 0.5Kgf.cm.max |
| 2.4 | 焊錫耐熱性 (Resistance to soldering heat) | 245±5℃and less than 3 seconds |
| 3. 耐久性能 (Durabillity) | | |
| 3.1 | 回轉壽命 (Rotation Life) | ±5%Max.for 100 rotations |
| 4. 外形尺寸圖/曲線特性圖 (Shape size drawing/curve charcteristic drawing) | | 见附页 (Please see attachment) |

| 批准 | | 審核 | | 設計 | R & D 2012.04.21 Lucky |
|---|---|---|---|---|---|

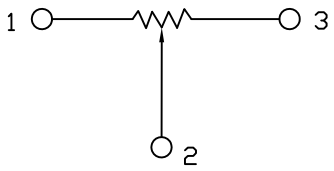
# Mechanical Dimensions




## Mounting Hole




## Circuit Explanation





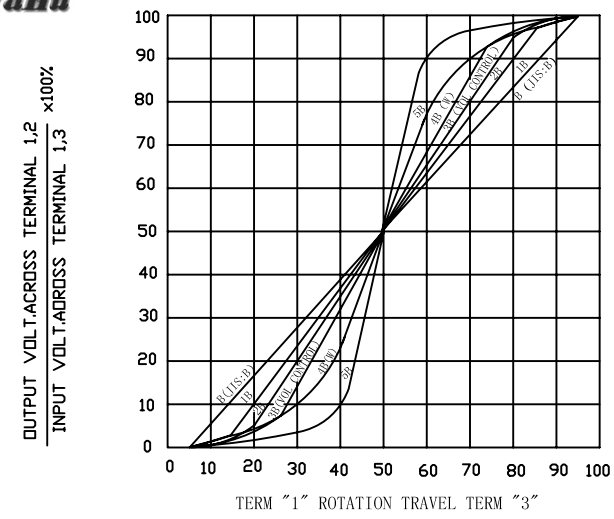

| NO | DATE | DESCRIPTION |
|---|---|---|
| 3 | | |
| 2 | | |
| 1 | | |

| PRODUCT NAME | Semi-fixed Potentiometers |
|---|---|
| MODEL NAME | SC065-A-Value |

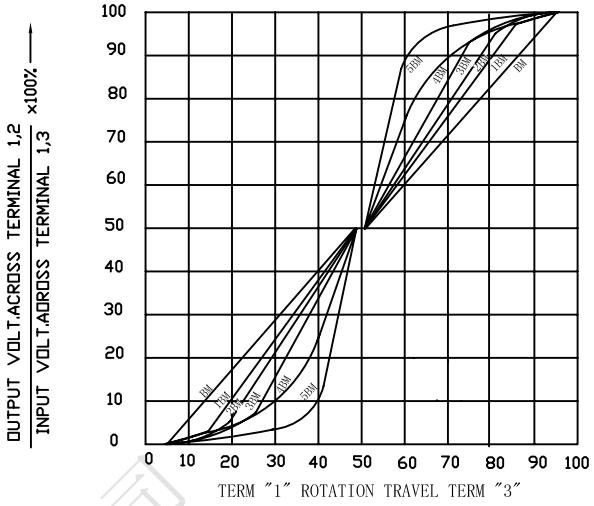
| DIMENSION | TOLERANCE | SCALE | 2:1 | APPROVED BY | CHECKED BY | DRAWN BY |
|---|---|---|---|---|---|---|
| $l \leqslant 10$ | ±0.2 | UNIT | mm | | | R & D 2012.04.21 Lucky |
| $10 < l \leqslant 30$ | ±0.5 | VER. | | | | |
| $30 < l \leqslant 100$ | ±1.0 | DATE | 2008/06/01 | | | |

# RESISTANCE TAPER

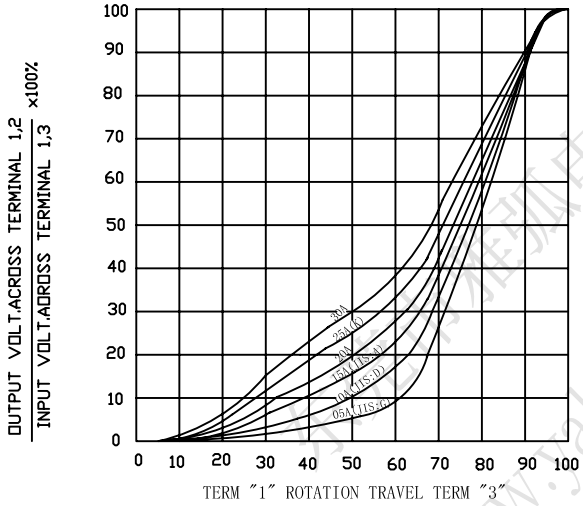
## TAPER B SERIES



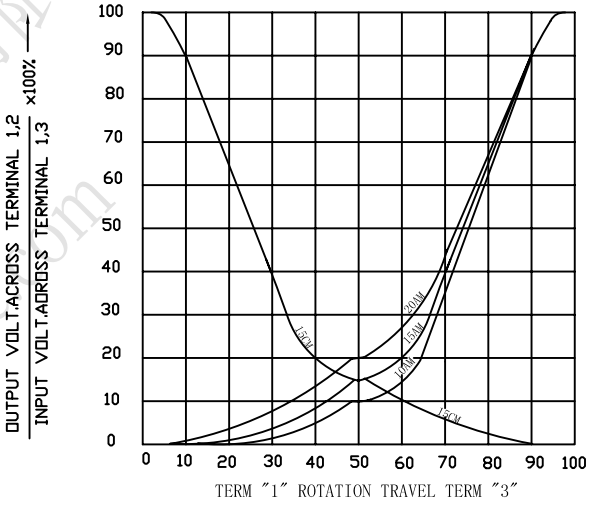

## TAPER B WITH 50% TAP



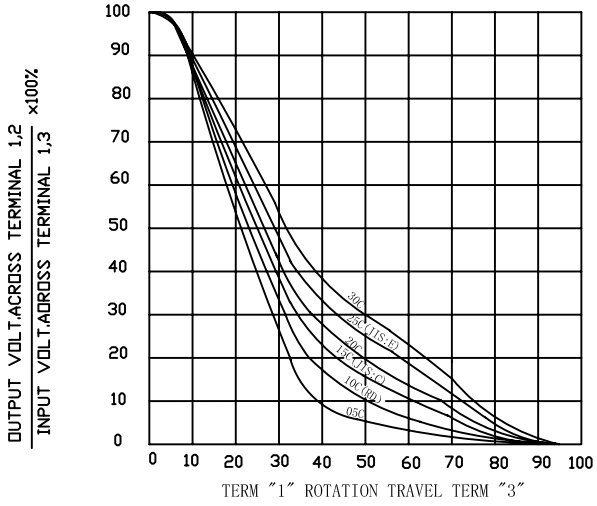

## TAPER A SERIES




## TAPER A & C WITH 50% TAP




## TAPER C SERIES




## TAPER M & N SERIES