

# TSR-065

## 微 調 電 位 器

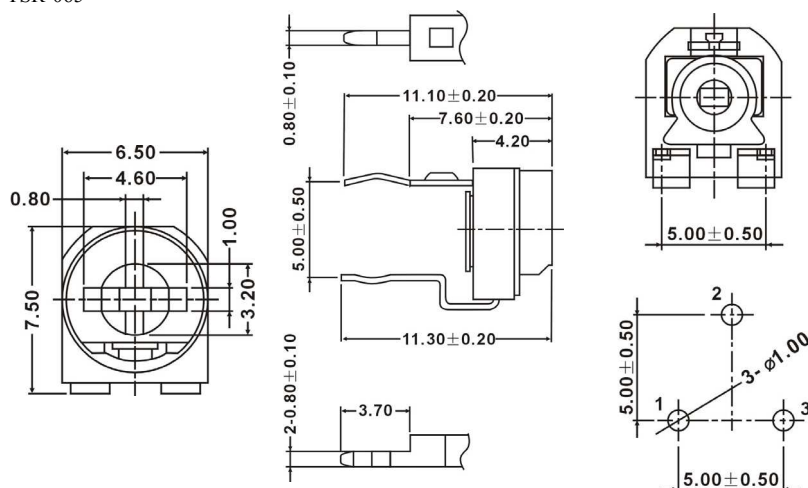
■ 單圈的/碳膜型/工業用  
 ■ (Single Turn/ Phenolic/ Industrial)



| 電氣特性 Electrical Characteristics     |                                                                                         |
|-------------------------------------|-----------------------------------------------------------------------------------------|
| 標稱阻值範圍<br>Standard Resistance Range | 100Ω - 2MΩ                                                                              |
| 阻值允許偏差<br>Resistance Tolerance      | ±30%                                                                                    |
| 殘留阻值<br>Residual Resistance         | 最大為標示阻值的 5%，最大不多於 30Ω<br>Max 5% of Nominal Resistance,<br>But under 30Ω                 |
| 綫性<br>Resistance Taper              | 直綫<br>Linear (B)                                                                        |
| 功率<br>Rated Power                   | 0.1W                                                                                    |
| 使用電壓<br>Operating Voltage           | 不超過 50V<br>50V Max                                                                      |
| 旋轉壽命<br>Potational Life             | 空載旋轉 100 圈後，阻值變化最大為±15%<br>Max ±5% change in resistance after 100<br>unloaded rotations |
| 負載壽命<br>Load Life                   | 加額定功率 3 小時，阻值變化最大為±5%<br>Max ±5% change in resistance after<br>3 hours loaded           |

共有尺寸 Common Dimensions

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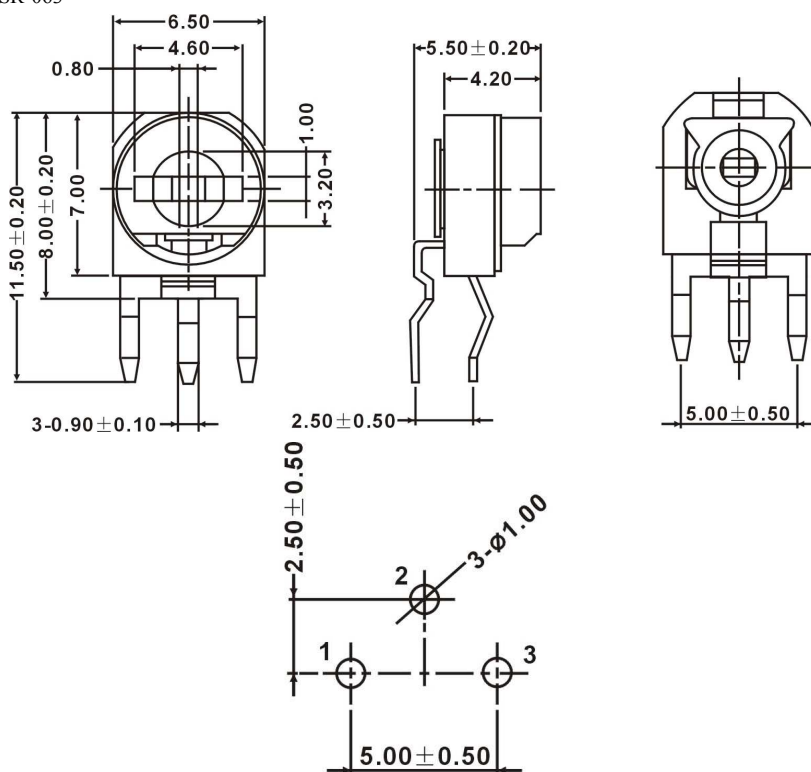
RECOMMEND P.C.B LAYOUT

| 機械性能 Mechanical Characteristics |                                   |
|---------------------------------|-----------------------------------|
| 旋轉角度<br>Rotational Angle        | 200° ± 20°                        |
| 扭力矩<br>Rotational Torque        | 30~350g.cm                        |
| 止擋力矩<br>Stop-end Strength       | 最小達 500g.cm 以上<br>500g.cm minimum |

| 氣候特性 Climatic Characteristics |                                                                                                                                       |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 使用溫度<br>Operating Temp        | -25℃ ~ 40℃                                                                                                                            |
| 溫度特性<br>Temp Characteristics  | 以 70℃ 鋤 5 小時，阻值變化為+5~ -10%<br>+5~ -10% change in NR after 5 hours at 70℃                                                              |
| Humidity Char                 | 在 40℃ 溫度及相對濕度 95% 的情況下放置<br>500 小時，阻值變化最大為±20%<br>Maximum resistance change within ±20% after<br>500hours unloaded at 40℃ and R.H.95% |

| 焊接條件 Soldering Conditions |                  |
|---------------------------|------------------|
| 焊接溫度<br>Temperature       | 260℃             |
| 焊接時間<br>Time              | 3 秒<br>3 seconds |

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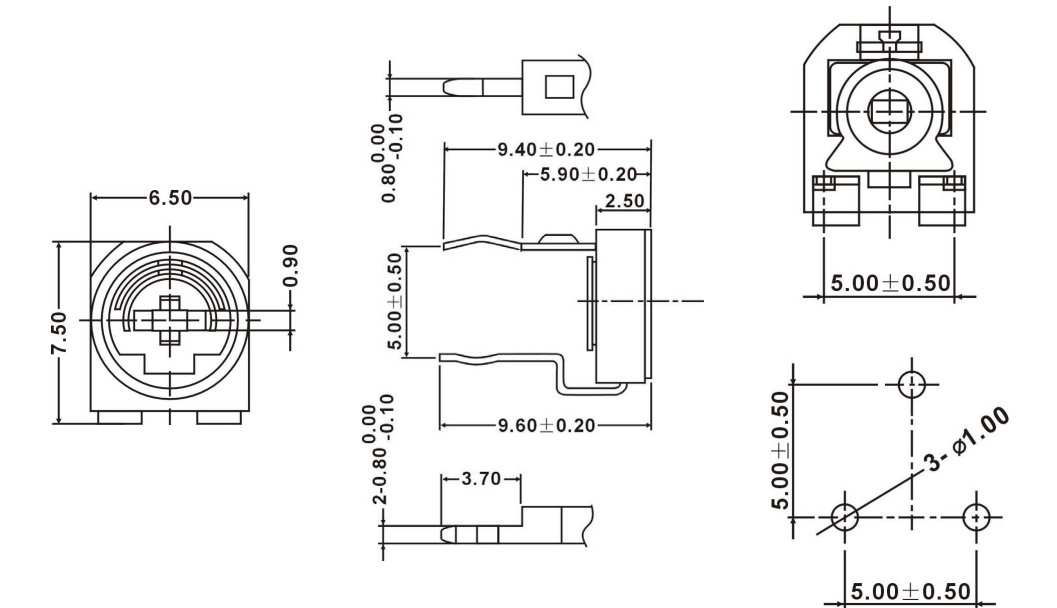


RECOMMEND P.C.B LAYOUT

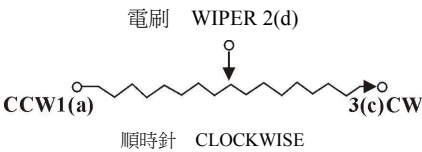
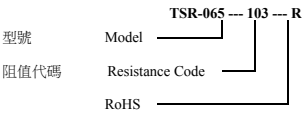
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共有尺寸 Common Dimensions

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訂購指南 How to Order



圖中公差：除注明外均為±0.25  
Tolerance is ±0.25 if no identification

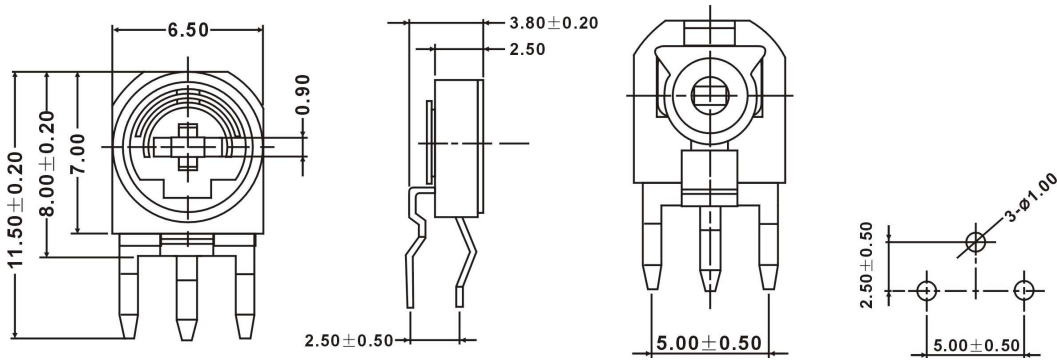
阻值代碼表

Standard Resistance table

| Resistance(Ohms) | Resistance Code |
|------------------|-----------------|
| 100              | 101             |
| 200              | 201             |
| 300              | 301             |
| 330              | 331             |
| 470              | 471             |
| 500              | 501             |
| 680              | 681             |
| 1,000            | 102             |
| 1,500            | 152             |
| 2,000            | 202             |
| 2,200            | 222             |
| 3,000            | 302             |
| 3,300            | 332             |
| 4,700            | 472             |
| 5,000            | 502             |
| 6,800            | 682             |
| 10,000           | 103             |
| 15,000           | 153             |
| 20,000           | 203             |
| 22,000           | 223             |
| 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             |
| 300,000          | 304             |
| 330,000          | 334             |
| 470,000          | 474             |
| 500,000          | 504             |
| 680,000          | 684             |
| 1,000,000        | 105             |
| 2,000,000        | 205             |

可按用戶要求提供特殊規格  
Special resistances available.

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P.C.B Lavout

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