## 4mm open frame potentiometer

**SMD Trimmers** 

## type 3165 series

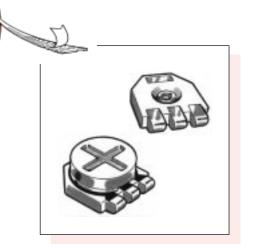
These cermet element surface mount trimmers feature a cross slot adjustment head for an unbroken perimeter to enable easy vacuum pick-up and auto adjustment. The 3165 series is available in two or three terminal styles. These trimmers are supplied in 12mm blister tape and are suitable for all reflow soldering processes. The 3165 is readily available from within our extensive distribution network.

Packaging: 800 Pieces (7" Reel)

Please Request Full Data Sheet F0712

## **Key features**

- in line terminals
- stable cermet element
- choice of orientation
- only 0.2 grams
- cross slot adjustment style
- low price reduces production costs
- compact size only 4mm square
- 2 and 3 terminal options



# **Specification**

#### **Electrical**

Resistance Range: 100R to 1M (1, 2, 5, in each deacde)

Resistance Tolerance:  $\pm 25\%$ Temperature Coefficient: ± 250ppm°C

Operating Voltage: 50V DC or AC RMS; maximum Contact Resistance Variation: 5% of nominal, maximum

Power Rating: 0.15 watts at 70°C derating to zero at 85°C

Effective Electrical Angle:  $250^{\circ} \pm 10^{\circ}$ 

**Mechanical** 

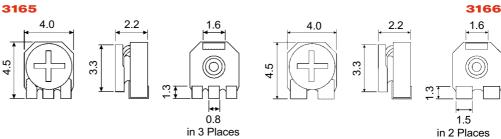
Rotational Torque: 2 - 20mNm Mechanical Adjustment: Continuous

#### **Environmental**

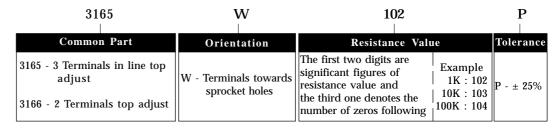
Temperature Range: - 25°C to +85°C Rotational Life: 20 cycles  $\triangle R < 15\%$ Load Life:  $\triangle$  R < 5% after 1000 hours

Soldering Heat: 250°C 10 seconds, 260°C 5 seconds

### **Dimensions**



### **How To Order**



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