TRU COMPONENTS

Datasheet

Item no. 140387/ 140386/ 140385/ 140388

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Pilot Lamp

Product Overview

This series pilot lamp only use LED lamp as the light source. The advantage have: long life, gentle weight, small cubag, save energy. It is the advanced product of all kinds of the incandescence lamp and the neon lamp of the XD type. The cover of the lamp is made of PC material, and have good shock resistance. It can be used as indication pilot light, accident signal and other signals in the circuits of such equipment as telecommunication.

Specifications

- ◎ Electrical Life≥30000 hours
- ◎ Permitted Voltage ±20%(≥110V)
- ◎ Dielectric Strength:2.5kV(AC RMS),1min
- ◎ Usage Frequency(AC):50~60Hz
- ◎ Rated Operating Current:≤20mA

- ◎ Brightness:≥100cd/m2
- ◎ Comparative Tracking Index CT1≥100,flame retardant
- ◎ Insulation Resistance: Ui≤60V,5MΩ:60V<Ui≤660V,50MΩ
- ◎ Light Color: red, green,yellow,white,blue,orange
- ◎ Operating Temperature: –25℃~55℃

Diagram of Interior Connection

	AC/DC Type Pilot Lamp	AC Type Pilot Lamp	AC/DC Type Dual-color Lamp	AC Type Dual-color Lamp
Normal Type	LED — R — X₁ / X₂	LED — C / R — X₁ / X₂	LED — R — X₁ / R — X₀ / R — X₂ Red:X1-X0 Green:X2-X0 (Yellow:X1-X2)	LED — R — X₁ / R, C — X₀ / R — X₂ Red:X1-X0 Green:X2-X0
Anti-interference Type	LED — R — X₁ / Threshold Circuit — X₂	LED — C / R — X₁ / Threshold Circuit — X₂	Threshold Circuit R — X₁ / R — X₀ / Threshold Circuit R — X₂ Red:X1-X0 Green:X2-X0 (Yellow:X1-X2)	LED — R — X₁ / Threshold Circuit R, C — X₀ / R — X₂ Red:X1-X0 Green:X2-X0

Note:1,AC/DC type pilot lamp is resistor step-down form; AC type pilot lamp is capacitor step-down form.

2,When voltage is 110V or above it,The temperature of outer shell of AC/DC type pilot lamp is higher than AC type pilot lamp.

Attentions

1,The frequency of AC type pilot lamp is 50~60Hz. If work in other frequency ranges, it will be broken .

2,The common threshold value of anti-interference pilot lamp is below 40V; and if you need higher threshold value please tell us.

If you need to weld, please finish it in 3 seconds by the electric iron which is below 30W and don't exert external force on terminals .
We suggest that the threshold value shouldn't be too high. Please check the routing If the interference voltage is too high.

3,Connection error is not allowable to AC type dual-color light, otherwise pilot lamp will be broken.

4,Avoid using welding mode to connect lines as possible and you should using general plug (2.5×0.8mm)to connect and wear the protective sleeve.

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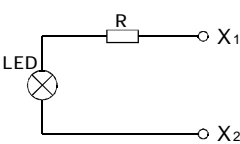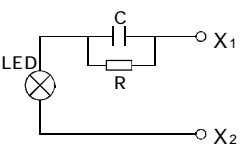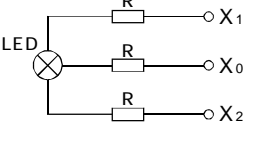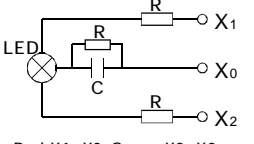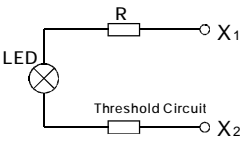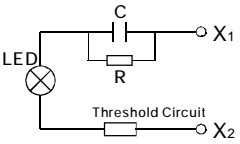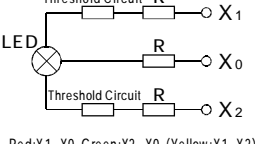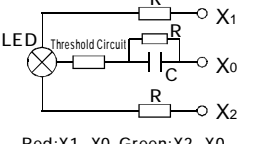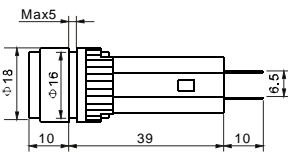
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Pilot Lamp

Shape	Color	Operating Voltage	Shape & Dimensions	Remarks
	R G Y B W	AC/DC 110V AC/DC 230V AC/DC 380V AC 110V AC 230V AC 380V		Pin terminal

140387 : Signal lamp, 230V/50Hz, dia 16mm, IP40, blue

140386 : Signal lamp, 230V/50Hz, dia 16mm, IP40, green

140385 : Signal lamp, 230V/50Hz, dia 16mm, IP40, red

140388 : Signal lamp, 230V/50Hz, dia 16mm, IP40, white