





## Features

- ◆ Pb free product    RoHS compliant    Pb                      ROHS
- ◆ Low power consumption, High efficiency
- ◆ General purpose leads
- ◆ Reliable and rugged
- ◆ Long life    solid state reliability
- ◆ Radiant angle: 30°                      30°

## Package Dimension

Part NO.

Chip Material

Lens Color

### Notes:

1. All dimensions are in millimeters.
2. Tolerance is  $\pm 0.20\text{mm}$  unless otherwise noted.  
 $\pm 0.2$



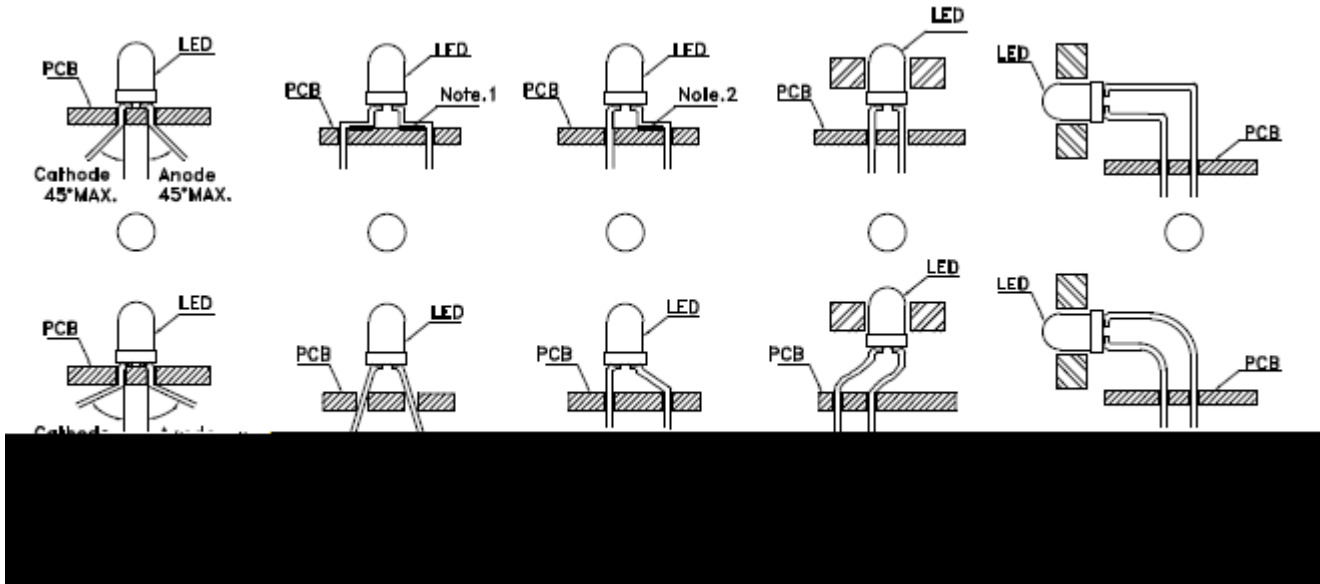






## LED MOUNTING METHOD

1. The lead pitch of the LED must match the pitch of the mounting holes on the PCB during component placement. Lead-forming may be required to insure the lead pitch matches the hole pitch. Refer to the figure below for proper lead forming procedures (Fig.1).



Note 1-2: Do not route PCB trace in the contact area between the lead frame and the PCB to prevent short-circuits.

2. When soldering wire to the LED, use individual heat-shrink tubing to insulate the exposed leads to prevent accidental contact short-circuit (Fig.2).

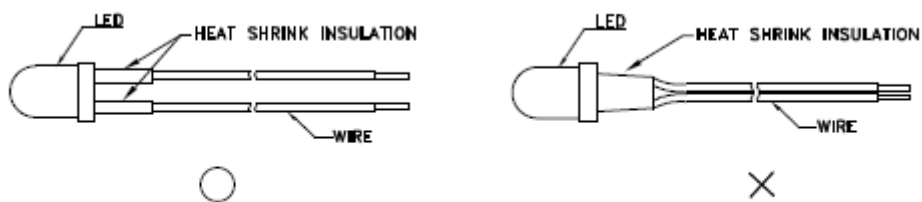


Fig. 2

3. Use stand-offs (Fig.3) or spacers (Fig.4) to securely position the LED above the PCB.

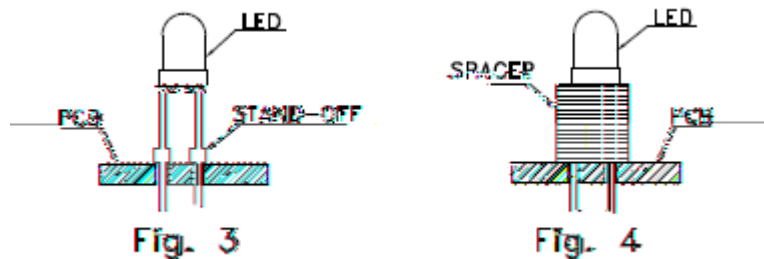


Fig. 3

Fig. 4





