



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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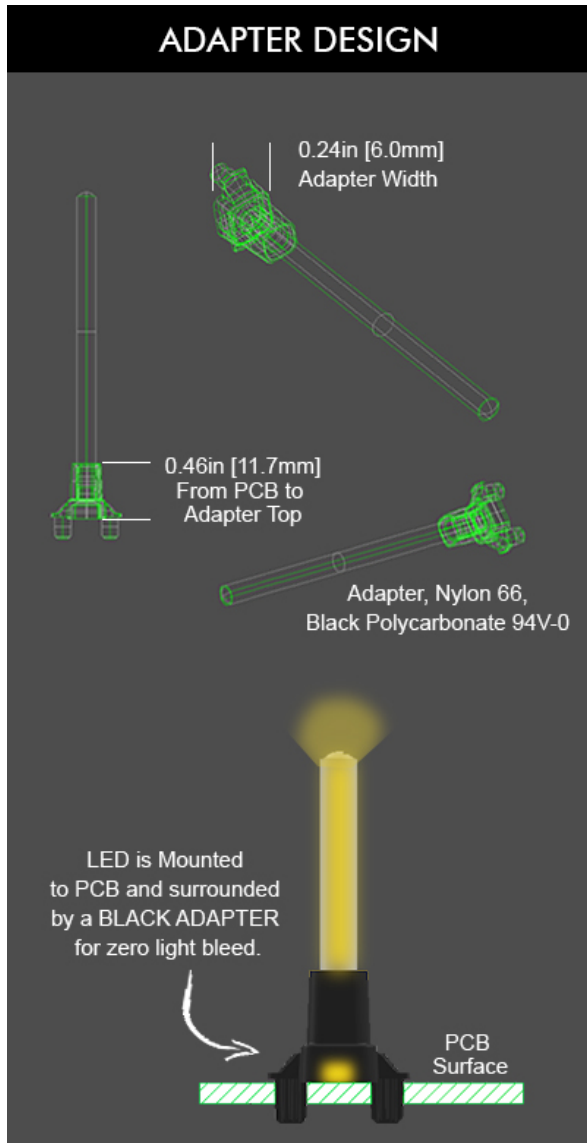
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LPR & LPV Rigid Light Pipe New Product Announcement

This product features an innovative black adapter design that surrounds the LED and channels the light directly to the lens, eliminating light bleed at the source. Light bleed from the LED can cause false readings and muted or blended colors if other LEDs are present. Light bleed can also weaken the light intensity making it less visible at its destination point.

This series is available in two configurations to accommodate most application requirements and they are available in a range of sizes and lens styles.



LPV Series

This vertical rigid light pipe is an innovative solution that provides zero light bleed at the LED.

- Zero light Bleed at the Source
- High Vibration Environments
- Easy Installation
- Lens Diameters: 2mm, 3mm, 4mm
- Lens Styles: Flat, Dome
- Height Ranges: 0.800" – 1.250"
- **Industry Use:** Datacom, Energy & Utility, Audio/Video, Security, Healthcare



LPR Series

This right angle rigid light pipe is an innovative solution that provides zero light bleed at the LED.

- Zero light Bleed at the Source
- High Vibration Environments
- Easy Installation
- Lens Diameters: 3mm, 4mm, 5mm
- Lens Styles: Flat, Dome
- Height Ranges: 0.800" – 1.250"
- Length Ranges: 0.700" – 3.000"
- **Industry Use:** Datacom, Energy & Utility, Audio/Video, Security, Healthcare



For application assistance, product specs or to request a sample visit bivar.com or email us at sales@bivar.com.