



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!



Contact us

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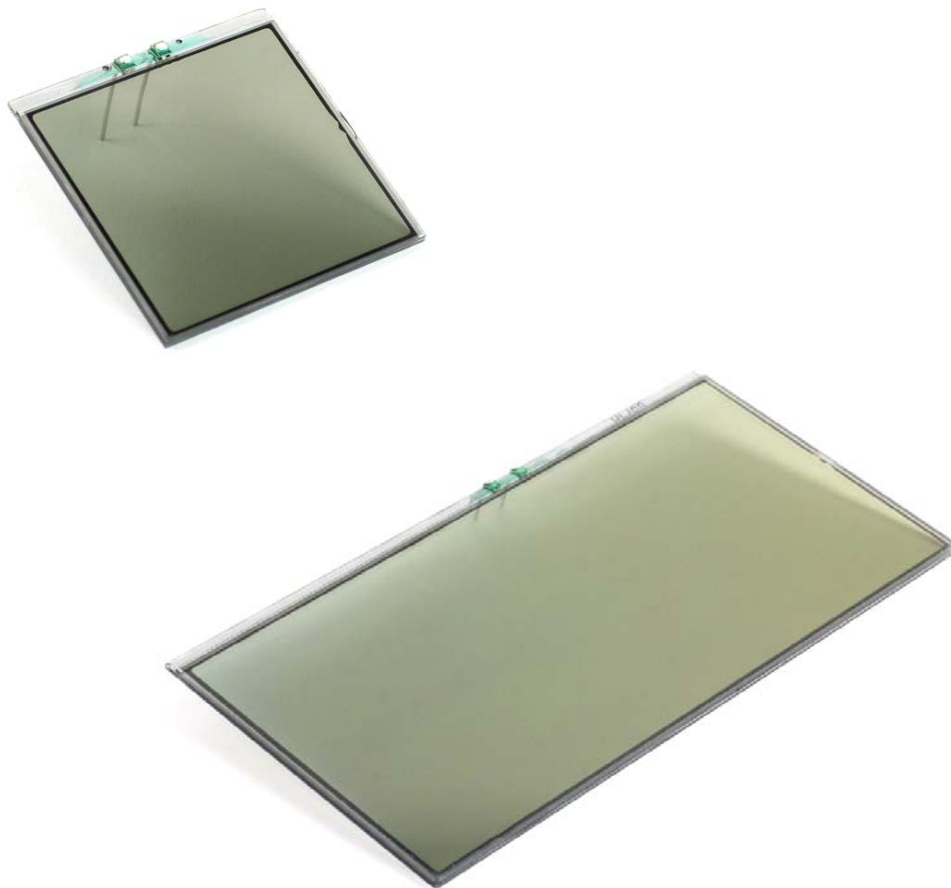
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LCD shutter

Small /COM2400 Large /COM2401



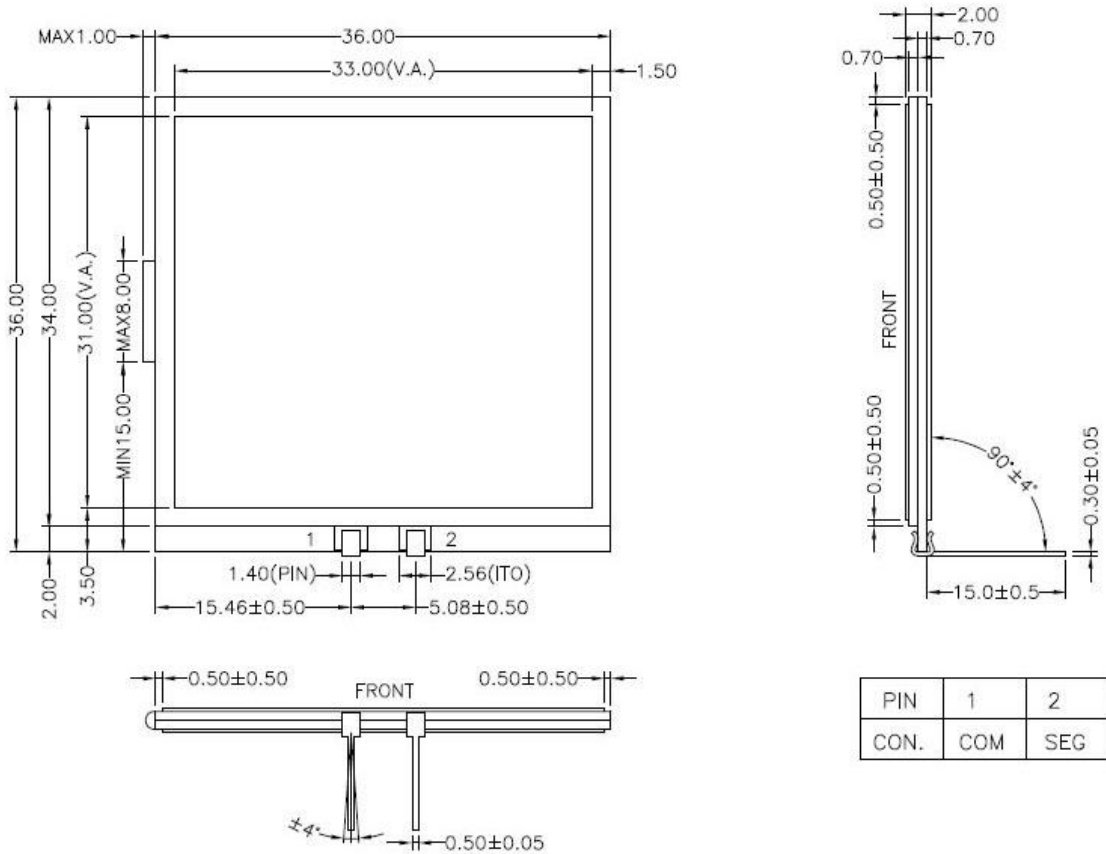
These neat little LCD panels, in two sizes, go black when a current is passed through them. Perfect for creating your own pair of "deal with it" sunglasses!

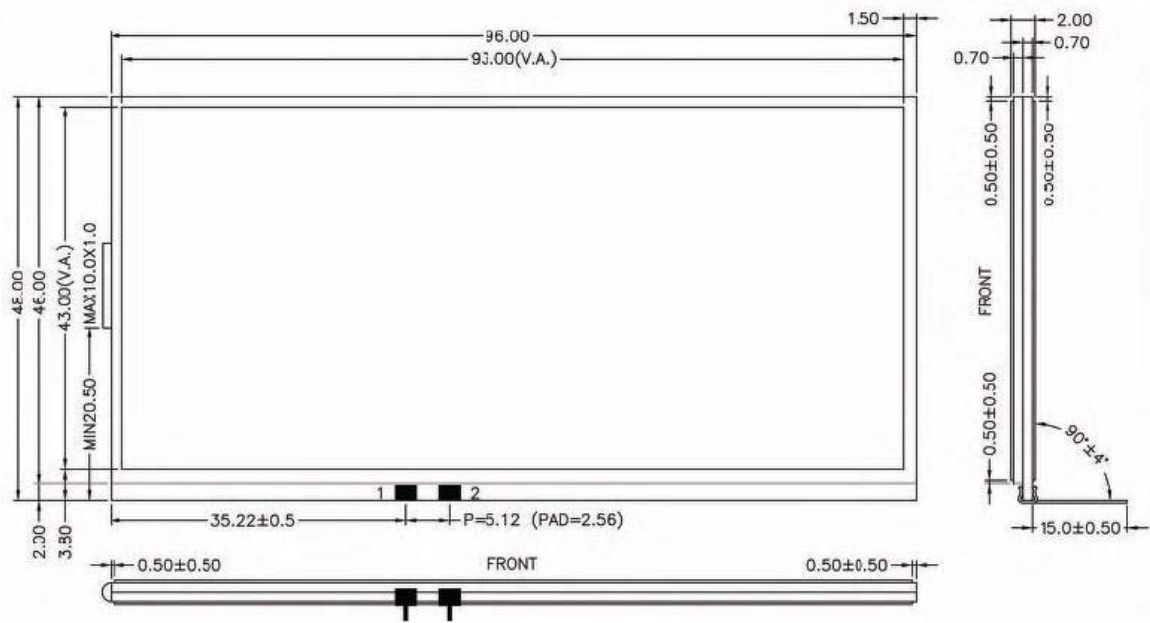
Essentially single pixel LCD displays, these panels polarise and go black (completely opaque) when you pass 3V through them, and then de-polarise (become transparent) when pulled low or shorted. Easy!

You can treat the LCD shutter like a low value capacitor. Once energised, they will hold their polarised/opaque state, but slowly leak charge over time and become de-polarised/transparent again. The amount of current required to charge the LCD shutter is extremely low, as with most LCDs.

They are best viewed from directly in front, as other viewing angles may lower the opacity slightly. The displays are made of glass and have sharp corners, so take care when handling them.

Size	Small	Large
Outline dimensions	36x36x2mm	96x48x2mm
Active area	31x33mm	93x43mm
Operating voltage	3V	3V
Operating temp.	-10°C-65°C	-10°C-65°C
Storage temp.	-20°C-75°C	-20°C-75°C





<https://shop.pimoroni.com/products/lcd-shutter-12-1-17>