

IS01BCE
with Yellow LCD Mode



IS01BFRGB
with RGB LED Option and Black
and White LCD Mode

Programmable to display graphics, alphanumeric characters and animated sequences.
LC-Displays can be used alone or in conjunction with electromechanical switches.
Integrated liquid crystal display provides wide viewing angle with high contrast and clarity.
Built-in single or bicolor LED backlighting enhances display and enables multifunctional uses.
RGB LED provides numerous color variations.
Viewing area 13.9mm x 10.6mm (horizontal x vertical) at 36 x 24 pixels.

SUPER BRIGHT LED BACKLIGHTING

Part Number	Terminals	LCD Mode	LED Color
IS01BCCF	Straight PC	Yellow STN Positive	* Red/Green
IS01BCE			Yellow
IS01BCEF			* Yellow/Green

* Simultaneous illumination of both colors achieves third color.

RGB LED BACKLIGHTING

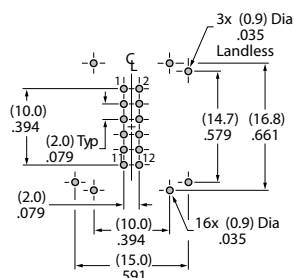
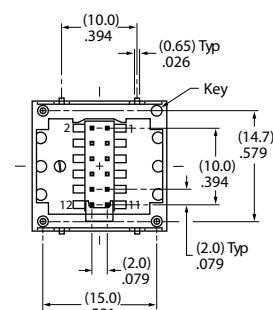
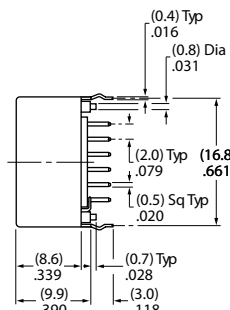
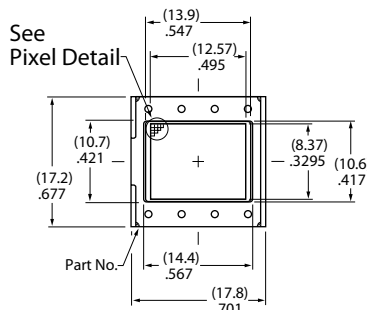
Part Number	Terminals	LCD Mode	LED Color
IS01BFRGB	Straight PC	Black & White FSTN Positive	** Red/Green/Blue

** Simultaneous RGB illumination achieves infinite colors.

GENERAL SPECIFICATIONS OF LCD

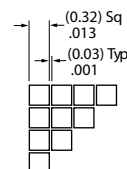
Display Operation Mode	STN positive or FSTN positive
Display Condition	Transflective with built-in LED backlight
Viewing Angle	Adjustable
Driving Method	1/24 duty. 1/5 bias (built-in driving circuit)
Viewing Area	13.9mm x 10.6mm (horizontal x vertical)
Pixel Format	36 x 24 dots (horizontal x vertical)
Pixel Size	0.32mm x 0.32mm (horizontal x vertical)
Operating Temperature Range	0°C through 40°C
Storage Temperature Range	-10°C through 60°C
Backlight LED	Single Color: yellow; Bicolor: red/green, yellow/green; RGB: red/green/blue

TYPICAL DISPLAY DIMENSIONS WITH SINGLE OR BICOLOR LEDS



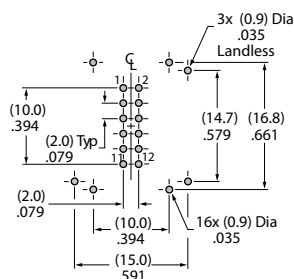
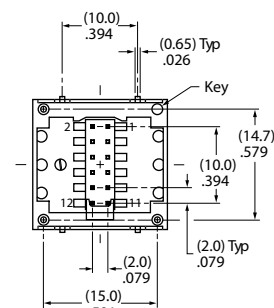
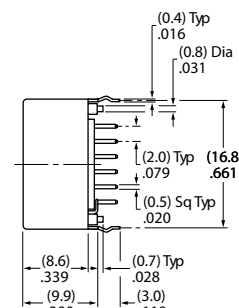
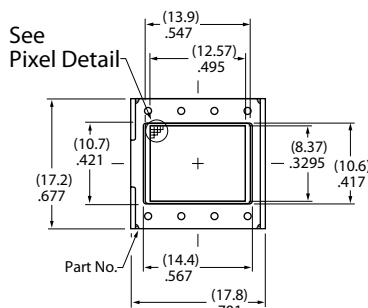
Footprint

Terminal numbers are not on the device.



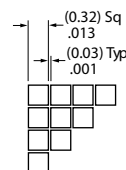
Pixel Detail

TYPICAL DISPLAY DIMENSIONS WITH RGB LED



Footprint

Terminal numbers are not on the device.



Pixel Detail