










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

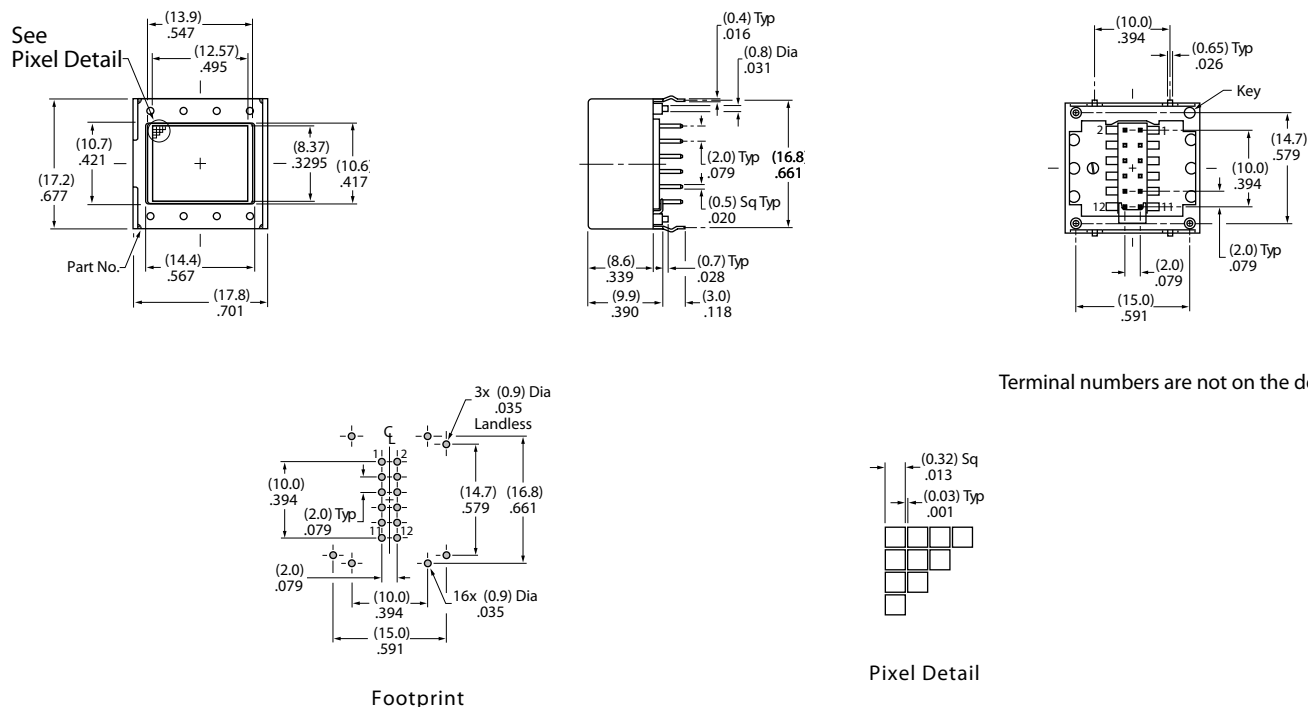
Part Number	Terminals	LCD Mode	LED Color
IS01BFRGB	Straight PC	Black & White FSTN Positive	** Red/Green/Blue 

** 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



TYPICAL DISPLAY DIMENSIONS WITH RGB LED

