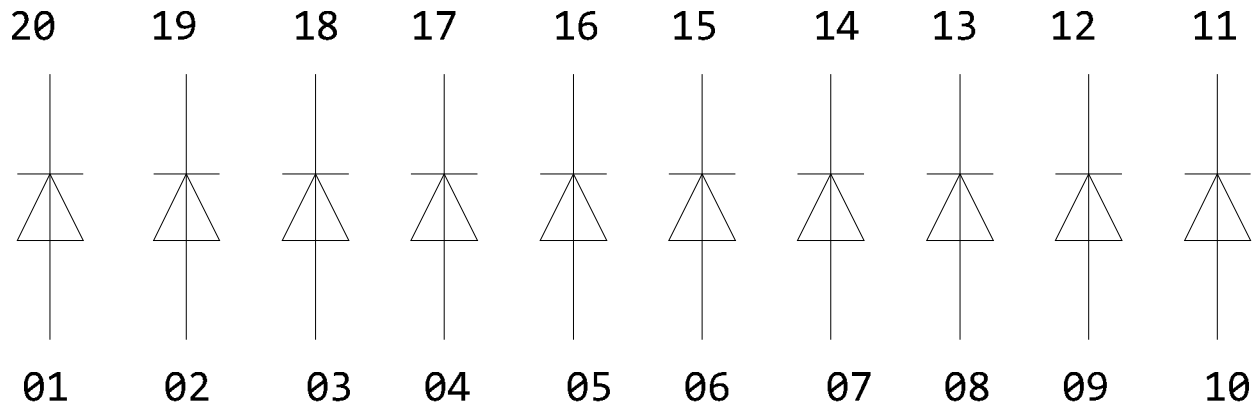


**10 SEGMENT BARGRAPH ARRAY**  
**High Intensity Blue Bargraph**

**Features:**

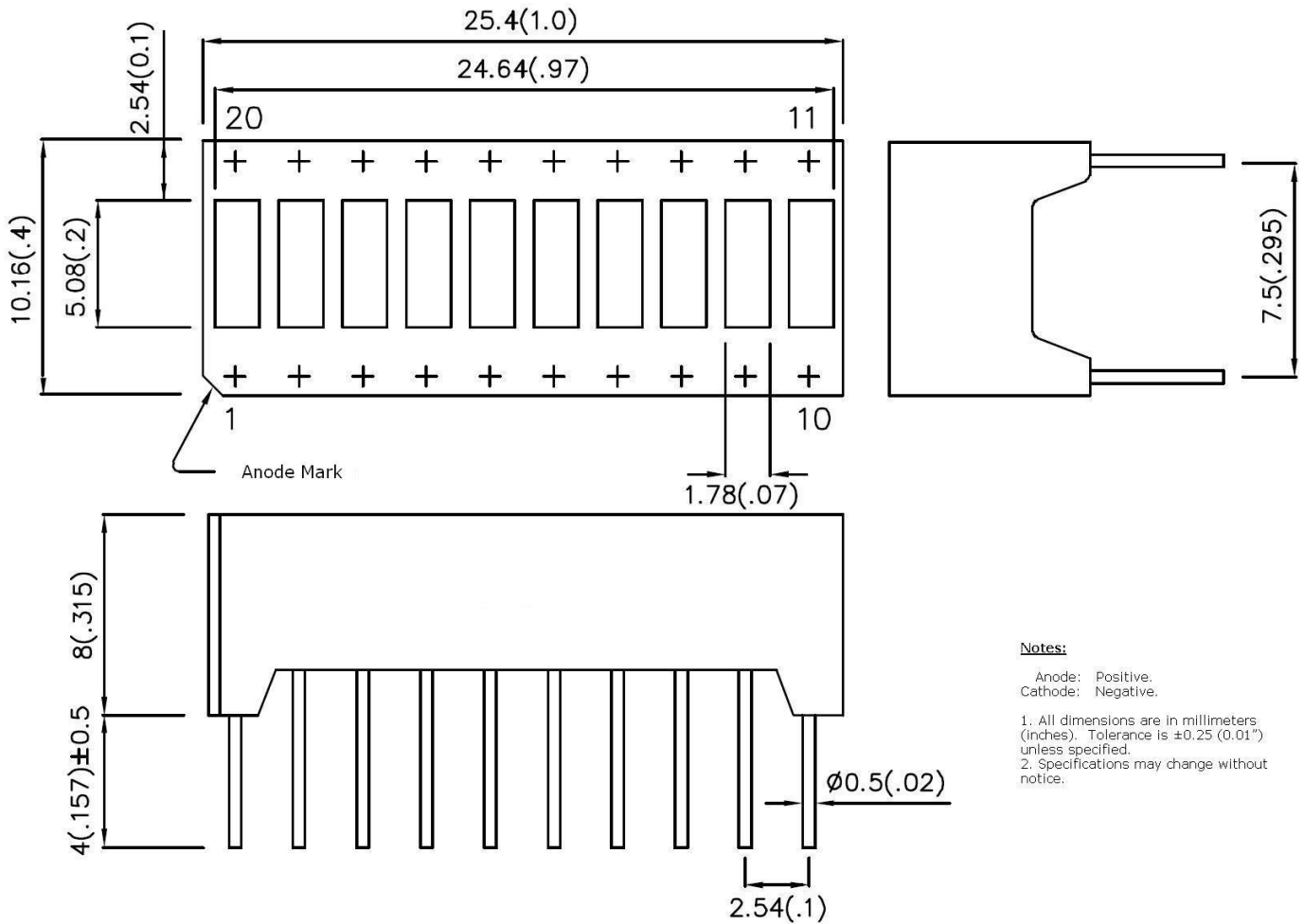
- ✓ Suitable for level indicators.
- ✓ Low current operation.
- ✓ Excellent ON/OFF contrast.
- ✓ Wide viewing angle.
- ✓ End stackable.
- ✓ Mechanically Rugged.
- ✓ Standard Design: Gray Face with White Segments.

**Internal Circuit Diagram & Package Dimensions:**



BLUE LEDs High Intensity.

**PACKAGE DIMENSIONS**



**Notes:**

Anode: Positive.  
Cathode: Negative.

1. All dimensions are in millimeters (inches). Tolerance is  $\pm 0.25$  (0.01") unless specified.
2. Specifications may change without notice.

**Note 1:**

- ✓ All dimensions are in millimeters (inches). Tolerance is  $\pm 0.25$  (0.01") unless specified.
- ✓ Specifications may change without notice.

<u>Bargraph/Array:</u>	<u>Lens Type:</u>	<u>Description:</u>
Blue High Intensity	White Diffused	10-Segments Bargraph/Array Blue.

<u>Luminous Intensity</u> <u>(if = 20 mA):</u>	<u>Min.</u>	<u>Max.</u>	<u>Units</u>
BLUE Segments	80	100	mcd

**Note 2:** 1 mcd = 1 milli candelas ( $1 \times 10^{-3}$  candelas)  
1  $\mu$ cd = 1 micro candelas ( $1 \times 10^{-6}$  candelas)

**Electrical/Optical Characteristics at Ta= 25 °C:**

<u>Symbol:</u>	<u>Parameter:</u>	<u>Device:</u>	<u>Min.:</u>	<u>Typ.:</u>	<u>Max.:</u>	<u>Units:</u>	<u>Test Cond.:</u>
$\lambda_{Peak}$	Peak Wavelength	Blue	455	---	458	nm	If=20 mA
$\Delta\lambda$ 1/2	Spectral Line Half-Width	Blue	---	---	---	nm	If=20 mA
$V_F$	Forward Voltage	Blue	2.6	3.5	3.9	V	If=20 mA
$I_R$	Reverse Current	Blue	---	---	100	$\mu$ A	$V_R= 5$ V

**Absolute Maximum Ratings at Ta= 25 °C:**

<u>Parameter:</u>	<u>Blue Device:</u>	<u>Units:</u>
Power Dissipation Blue	70	mW
DC Forward Current Blue	20	mA
Peak Forward Current Blue	100	mA
Reverse Voltage Blue	5	V

Operating / Storage Temperature:	-40 °C to +85 °C (~ -40 °F to 185 °F)
Lead Solder Temperature:	260 °C (~ 500 °F) for 3-5 seconds

**Note 3:** A Forward current above 25 mA can damage the LED segments.

Product Images:

