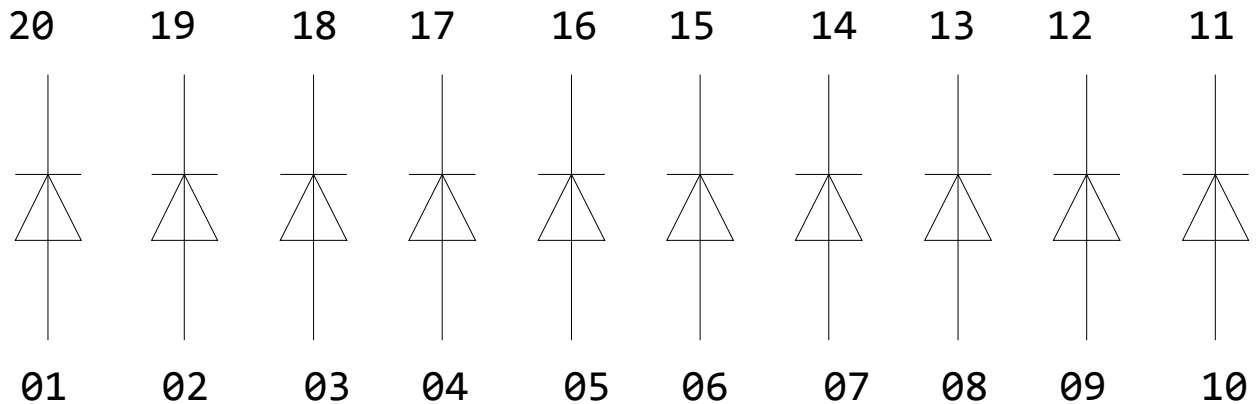


10 SEGMENT BARGRAPH ARRAY
Bi-Color Fixed (BCF 6G, 4R)

Features:

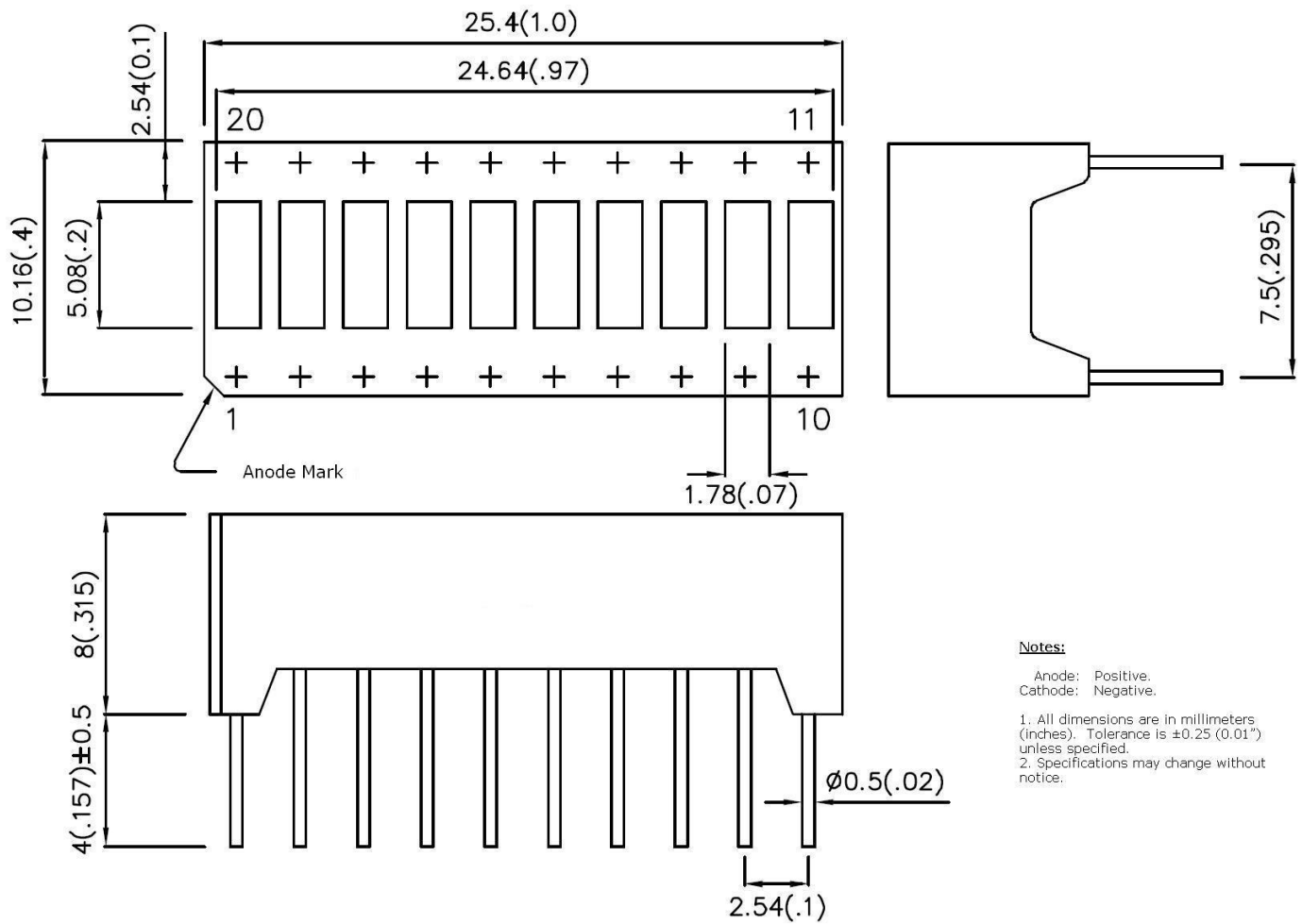
- ✓ Suitable for level indicators.
- ✓ Low current operation.
- ✓ Excellent ON/OFF contrast.
- ✓ Wide viewing angle.
- ✓ End stackable.
- ✓ Mechanically Rugged.
- ✓ Standard Design: Gray Face with White Segments.

Internal Circuit Diagram & Package Dimensions:



Bi-Color Fixed (BCF): 6 Green Segments
4 Red Segments

PACKAGE DIMENSIONS



Notes:

Anode: Positive.
Cathode: Negative.

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

Note 1:

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

<u>Bargraph/Array:</u>	<u>Lens Type:</u>	<u>Description:</u>
Bi-Color Fixed (BCF)	White Diffused	10-Segments Bargraph/Array Display (6G, 4R).

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

Note 2: 1 mcd = 1 milli candelas (1×10^{-3} candelas)
1 ucd = 1 micro candelas (1×10^{-6} candelas)

Electrical/Optical Characteristics at Ta= 25 °C:

<u>Symbol:</u>	<u>Parameter:</u>	<u>Device:</u>	<u>Typ.:</u>	<u>Max.:</u>	<u>Units:</u>	<u>Test Cond.:</u>
λ_{Peak}	Peak Wavelength	Green Red	565 625	575 640	nm nm	If=20 mA
$\Delta\lambda$ 1/2	Spectral Line Half-Width	Green Red	30 20	--- ---	nm nm	If=20 mA
V_F	Forward Voltage	Green Red	2.2 2.1	2.6 2.5	V V	If=20 mA
I_R	Reverse Current	Green Red	20 20	--- ---	μ A μ A	$V_R= 5$ V

Absolute Maximum Ratings at Ta= 25 °C:

<u>Parameter:</u>	<u>TFC Device:</u>	<u>Units:</u>
Power Dissipation Green Red	50 40	mW mW
DC Forward Current Green Red	20 20	mA mA
Peak Forward Current Green Red	100 100	mA mA
Reverse Voltage Green Red	5 5	V 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