

# TOF-5522BE-9N4

## Five Digit Display LED

Part Number	Chip		Face Color	Segment Color
	Material	Source Color		
TOF-5522BE-9N4	GaAsp	Orange	Gray	White

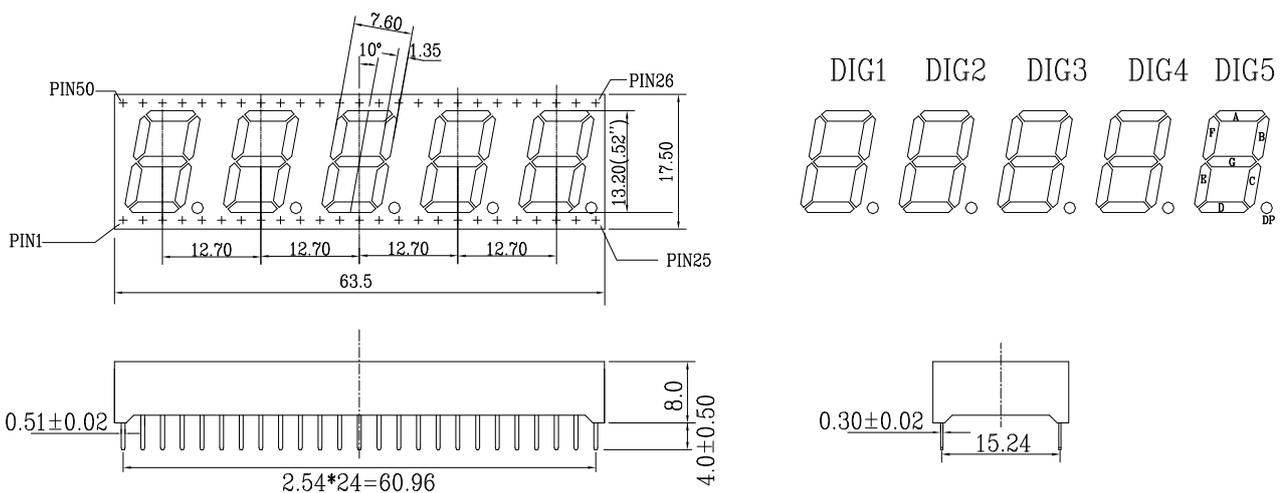
### Features

- (0.52) 13.20mm digit height
- Common anode
- I.C. compatible
- Low power requirement
- RoHS compliant

### Applications

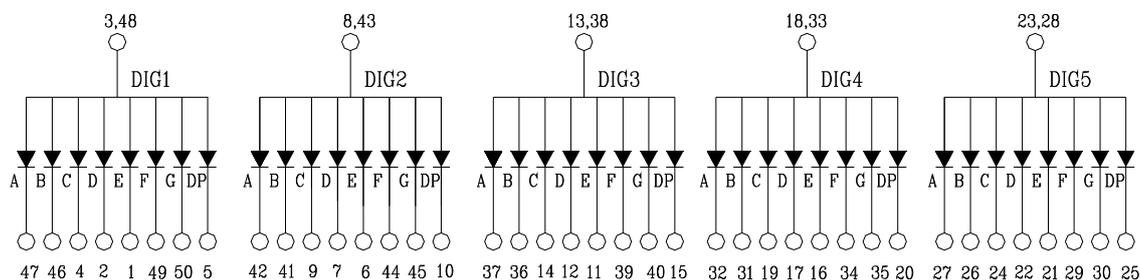
- Audio equipment
- Instrument panels
- Digital read out display

### Package Dimensions & Internal Circuit Diagram



**Notes:**

1. All dimensions are in millimeters, tolerance:  $\pm 0.25$  ; Angle:  $\pm 0.1^\circ$  unless otherwise noted.
2. Specifications are subject to change without notice.



### Absolute Maximum Rating @ Ta=25°C

PARAMETER	VALUE	UNITS
Power Dissipation Per Segment	75	mW
Peak Forward Current Per Segment (1/10 Duty Cycle, 0.1ms Pulse Width)	80	mA
Continuous Forward Current Per Segment	20	mA
Recommend Operating Current	12	mA
Reverse Voltage Per Segment	5	V
Operating Temperature Range	-25 to +85	°C
Storage Temperature Range	-30 to +85	°C
Junction Temperature	>85	°C
Lead Free Solder Temperature(1/16 Inch Below Seating Plane)	260°C for 3 sec.	

### Electrical / Optical Characteristic @ Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNITS	TEST CONDITION	GRADE
Peak Emission Wavelength	$\lambda_p$		630		nm	$I_F = 20\text{mA}$	
Spectral Line Half-Width	$\Delta\lambda$		35		nm	$I_F = 20\text{mA}$	
Forward Voltage Per Segment	$V_F$	1.8	2.1	2.4	V	$I_F = 20\text{mA}$	
Reverse Current Per Segment	$I_R$			20	$\mu\text{A}$	$V_R = 5\text{V}$	
Luminous Intensity Matching Rate	$I_v - m$			1.5:1		$I_F = 20\text{mA}$	

The DISPLAYS should be kept at 30°C or less and 60%RH or less. The DISPLAYS should be used within one year.