

# TOD-18201BMP-B

## Dual Digit Display LED

Part Number	Chip		Face Color	Segment Color
	Material	Source Color		
TOD-18201BMP-B	InGaN	Hi-pure green	Black	White

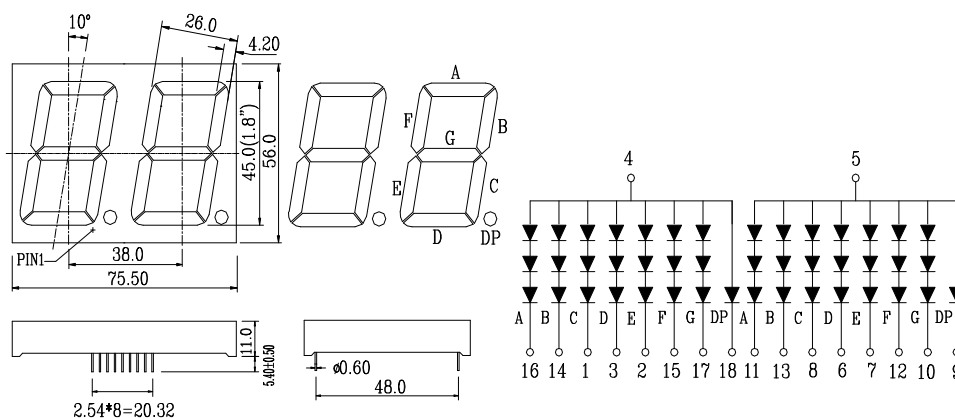
### Features

- (1.80") 45.00mm 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	Maximum Rating	Unit
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	80	mA
Power Dissipation Per Dice(Except Dp)	315	mW
Continuous Forward Current Per Dice	20	mA
Recommend Operating Current Per Dice	12	mA
Reverse Voltage Per Dice	15	V
Operating Temperature Range	-25°C to +85°C	
Storage Temperature Range	-30°C to +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.	Unit	Test Condition	Grade
Dominant Wavelength	$\lambda_d$		525		nm	$I_F=20mA$	
Spectral Line Half-Width	$\Delta\lambda$		26		nm	$I_F=20mA$	
Forward Voltage Per Dice (Except Dp)	$V_F$		9.6	10.5	V	$I_F=20mA$	
Reverse Current Per Dice	$I_R$			100	$\mu A$	$V_R=5V$	
Luminous Intensity Matching Rate	lv-m			2.0:1		$I_F=20mA$	

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