

## Features

- 0.24 inch(6.0mm)Digit Height
- Continuous uniform segments
- Low power requirement
- Excellent characters appearance
- Wide viewing angle
- Solid state reliability

## Description

The GT-P60241BGH-B7 is a 0.24 (6.0mm) digit height

6 digit seven-segment with several icons display.

This device is multi-color applicable display,it uses

HIGH-BRIGHT-GREEN/RED LED chipcs.

The display has a black face and white segments.

## Device

Part no.	Description
GREEN/RED	Multiplex Common Anode
GT-P60241BGH-B7	

**PIN CONNECTION**

<b>NO</b>	<b>CONNECTION</b>
1	COMMON ANODE COM1
2	CATHODE F
3	COMMON ANODE DIG1
4	CATHODE B
5	COMMON ANODE DIG2
6	CATHODE C
7	CATHODE E
8	COMMON ANODE DIG3
9	CATHODE A
10	CATHODE D
11	COMMON ANODE DIG4
12	CATHODE G
13	COMMON ANODE DIG5
14	COMMON ANODE DIG6
15	COMMON ANODE COM2

TYPE: GT-P60241BGH-B7

SIZE: 51.5mm × 15.5mm × 8.0mm

### Absolute Maximum Ratings

Parameter	Symbol	Ratings
Peak Forward current per Dice (Duty cycle 1/10.10KHZ)	I <sub>pf</sub>	100mA
Continuous Forward current per Dice	I <sub>f</sub>	25 mA
Reverse Voltage	V <sub>R</sub>	5V
Operating Temperature	T <sub>opr</sub>	-25to+85°C
Storage temperature	T <sub>stg</sub>	-25to+85°C
Soldering Temperature: 1/16Inch below seating place for 5 seconds		260°C

### Electro-Optical Characteristics:

--RED

Parameter	Symbol	Condition	Typ.	Max.	Unit
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =20mA	1.85	---	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	---	50	uA
Luminous Intensity	I <sub>V</sub>	I <sub>F</sub> =20mA	15	---	mcd
Peak Emission Wavelength	λ <sub>P</sub>	I <sub>F</sub> =20mA	643	---	nm
Spectrum width of Half Value	Δλ	I <sub>F</sub> =20mA	20	---	nm

--GREEN

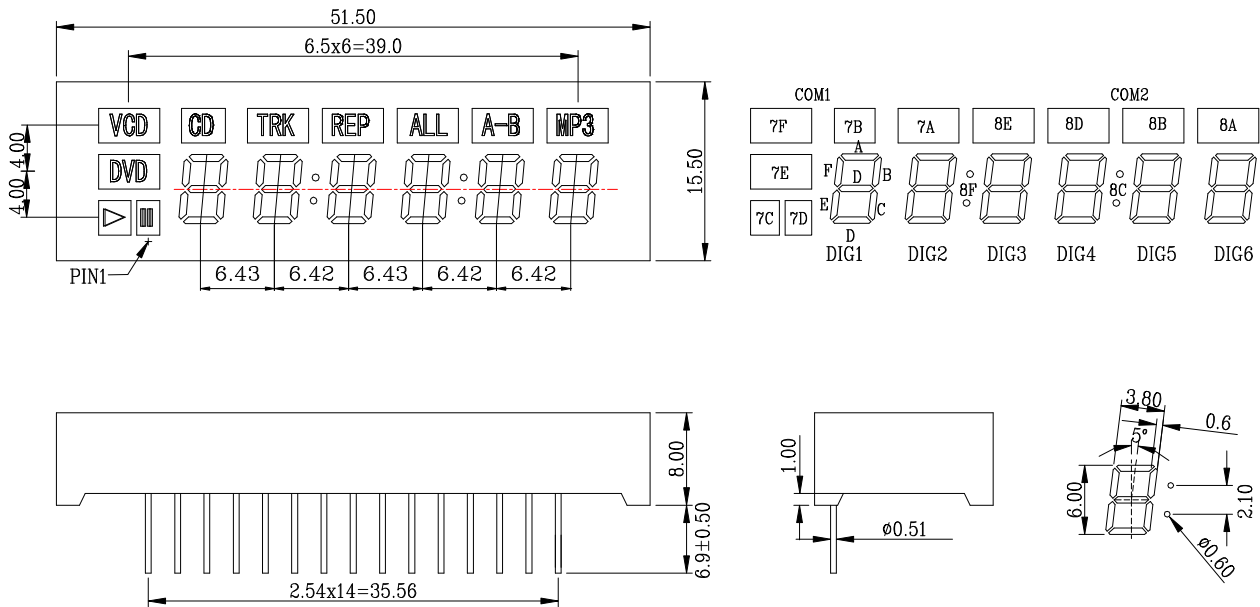
Parameter	Symbol	Condition	Typ.	Max.	Unit
Forward Voltage	V <sub>F</sub>	I <sub>F</sub> =20mA	2.0	---	V
Reverse Current	I <sub>R</sub>	V <sub>R</sub> =5V	---	50	uA
Luminous Intensity	I <sub>V</sub>	I <sub>F</sub> =20mA	30	---	mcd
Peak Emission Wavelength	λ <sub>P</sub>	I <sub>F</sub> =20mA	571	---	nm
Spectrum width of Half Value	Δλ	I <sub>F</sub> =20mA	30	---	nm

**Recommend: It should be drive by stable current**

TYPE: GT-P60241BGH-B7

SIZE: 51.5mm × 15.5mm × 8.0mm

Package Dimension (Unit:mm Tolerance: ±0.2mm)



## Internal Circuit Diagram

