DATASHEET

Oasistek® Bright Ideas. Bright Solutions.

TOF-2481BMR-N

Four Digit Display LED

FC first components

Part Number	Chip		Face Color	Segment Color
	Material	Source Color		
TOF-2481BMR-N	AlGaInP	Ultra red	Gray	White

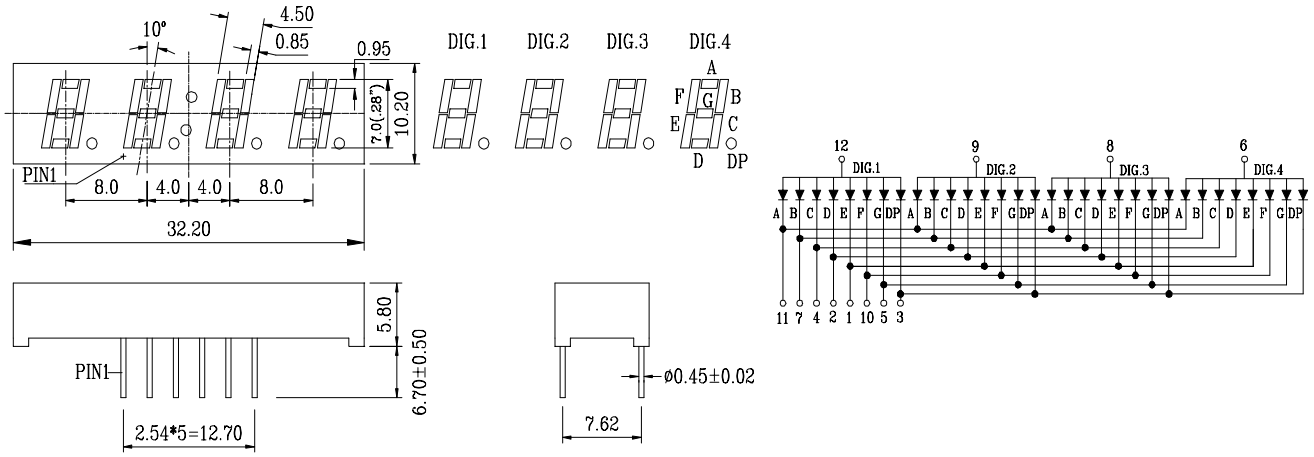
Features

- (0.28") 7.00mm 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: ±0.25 ; Angle: ±0.1° unless otherwise noted.
2. Specifications are subject to change without notice.

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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	75	mW
Continuous Forward Current	20	mA
Recommend Operating Current	12	mA
Reverse Voltage	5	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
Luminous Intensity	Iv		21937		ucd	I_F=10mA	
Dominant Wavelength	λd		630		nm	I_F=20mA	
Spectral Line Half-Width	△λ		15		nm	I_F=20mA	
Forward Voltage	V_F	1.8	2.0	2.3	V	I_F=20mA	
Reverse Current	I_R			100	μA	V_R=5V	
Luminous Intensity Matching Rate	Iv-m			2.0:1		I_F=20mA	