



TOD-6281AMA-B4

Dual Digit Display LED

Part Number	C	Chip	Face	Segment	
	Material	Source Color	Color	Color	
TOD-6281AMA-B4	AlGaInP	Ultra-amber	Black	White	

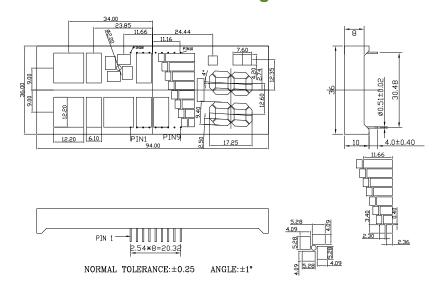
Features

- Common cathode
- I.C. compatible
- · Low power requirement
- · RoHS compliant

Applications

- · Audio equipment
- · Instrument panels
- · Digital read out display

Package Dimensions & Internal Circuit Diagram



Notes:

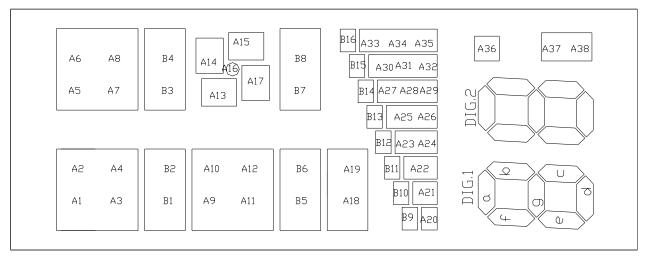
- 1. All dimensions are in millimeters, tolerance: ±0.25; Angle: ±0.1° unless otherwise noted.
- 2. Specifications are subject to change without notice.

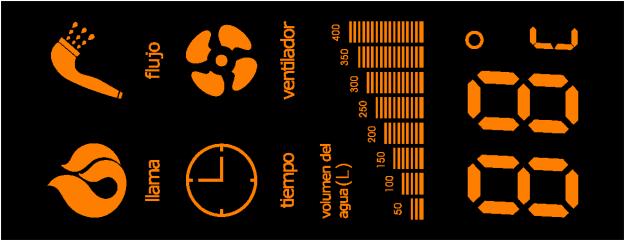
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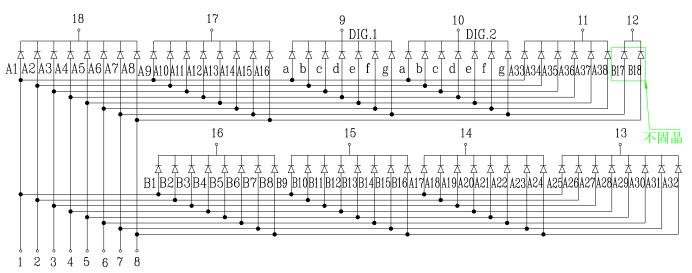
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Absolute Maximum Rating @ Ta=25°C

Parameter	Maximum Rating	Unit		
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	80	mA		
Power Dissipation Per Dice	75	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.	Тур.	Max.	Unit	Test Condition	Grade
Dominant Wavelength	$\lambda_{\sf d}$		605		nm	I _F =20mA	
Spectral Line Half-Width	Δλ		18		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	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.