



Y.LIN ELECTRONICS CO.,LTD.

Data Sheet

Customer: _____
Part No: _____ YL2201AR-T _____
Sample No: _____
Description: _____ 0.2" Red Displays _____
Item No: _____

Customer			
Check	Inspection	Approval	Date

Y.LIN			
Drawn	Check	Approval	Date
郭兵兵			2021/4/1

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Features:

- Industrial standard size.
- Low power consumption.
- Categorized for luminous intensity.
- Pb free

Descriptions :

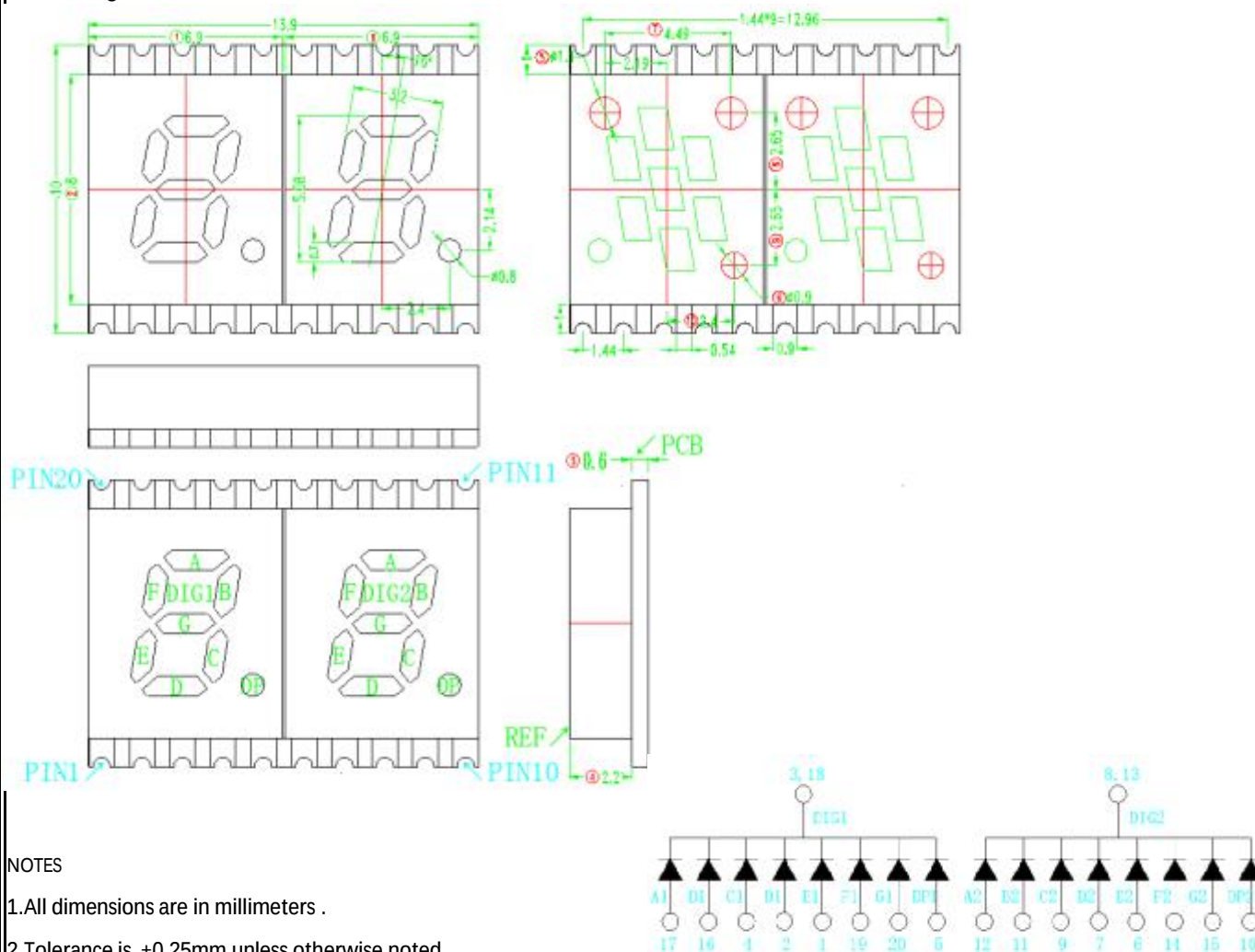
- These displays provide excellent reliability in bright ambient light.
- These devices are made with red segments and gray surface.

Applications

- DVD player
- Audio equipment
- Instrument panels
- Digital read out display



Package Dimensions:



NOTES

- All dimensions are in millimeters .
- Tolerance is $\pm 0.25\text{mm}$ unless otherwise noted.



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YL2201AR-T

Selection Guide

Part No.	Dice	Lens Type	Luminous intensity(mcd)			test conditions
			Min	Typ	Max	IF=20mA
YL2201AR-T	Red (AlGaInP)	White Diffused	40	-	45	

Note:

1.1/2 is the angle from optical centerline where the luminous intensity is 1/2 the optical centerline value.

2.the above luminous intensity measurement allowance tolerance $\pm 15\%$

Electrical / Optical Characteristics at Ta=25°C

Parameter	Symbol	Min.	Typ.	Max	Units	test conditions
Forward Voltage	VF	1.8	--	2.4	V	IF=20mA
Reverse Current	IR	-	--	10	uA	VR = 5V
Dominate Wavelength	λ_d	630	--	632	nm	IF=20mA

Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Rating	Units
Power Dissipation	Pd	75	mW
DC Forward Current	IF	20	mA
Peak Forward Current [Duty 1/10 @ 1KHZ]	IFP	20	mA
Reverse Voltage	VR	7	V
Operating Temperature	Topr	-25~+85	°C
Storage Temperature	Tstg	-25~+85	°C
Lead Soldering Temperature [1.6mm(.063") From Body]		260°C for 3-5 seconds	

Note:

1. 1/10 Dut cycle,0.1ms pulse width.

2. Measurement Errors:Forward Voltage: $\pm 0.1V$,Luminous Intensity: $\pm 10\%$ mcd,Wavelength(x,y) $\pm 1nm/\pm 0.01$



Typical optical characteristics curves

