



NO. : QB/SPS 73 PS 7005A

SPECIFICATIONS

NAME: 12inch SEVEN SEGMENT numeral

TYPE: LDSL11201YA

**SHENZHEN DITELONG INDUSTRIAL CO.,LTD.
SHENZHEN CANDELA ELECTRONIC CO.,LTD.
SHENZHEN SUCCESS PHOTOELECTRONICS CO.,LTD**

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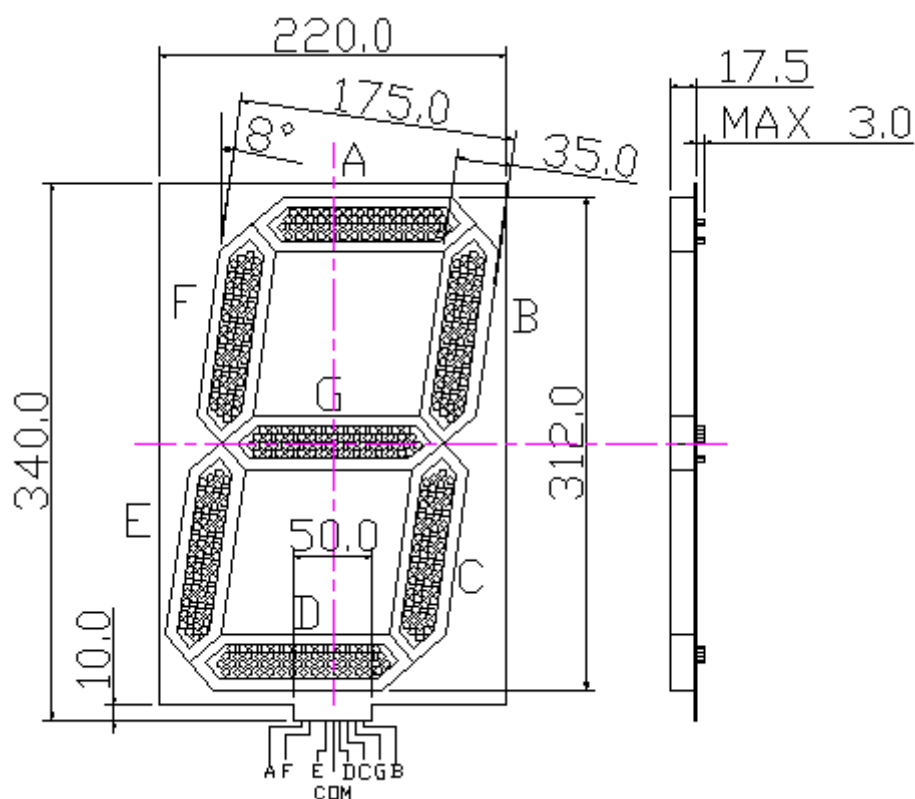
Post Code:518115

LDSL-11201YA

1. FEATURES

- High intensity and reliability.
- Low power requirement
- I.C. compatible

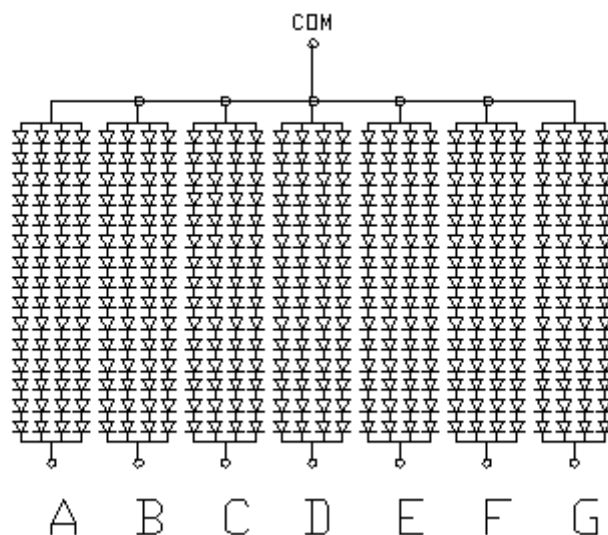
2. PACKAGE DIMENSIONS:



NOTES:

All dimensions are in millimeters, tolerance are ± 0.25 mm unless otherwise noted.

3. INTERNAL CIRCUIT DIAGRAM.



4. ABSOLUTE MAXIMUM RATINGS Ta=25°C

PARAMETER	Yellow	Blue	UNIT
Power dissipation per segment	80x60		mw
Peak forward current per segment*	40x4		mA
Continuous forward current per segment**	20x4		mA
Reverse voltage per segment	5X15		V
Operating temperature range	-35~80		°C
Storage temperature range	-35~85		°C
Solder temperature 1/16 inch below seating plane for 3 seconds at 260°C			

NOTES:

* 1/10 duty cycle 10 mes pulse width

** We advise average forward c urrent is 15mA

5. ELECTRICAL/OPTICAL CHARACTERISTICS Ta=25°C

ITEM	SYMBOL	CONDITION	RATING			UNIT
			min	typ	max	
Luminous Intensity	IV	Yellow	IF=20mA	—	3000X60	mcd
		Blue			—	
Peak Emission Wavelength	λP	Yellow	IF=20mA	—	595	nm
		Blue		—	—	
Spectral Line Half-width	$\Delta \lambda$	Yellow	IF=20mA	—	30	nm
		Blue		—	—	
Forward Voltage per segment	VF	Yellow	IF=80mA	—	2.2X15	V
		Blue			—	
Reverse Current per segment	IR	Yellow	VR=75V	—	—	μA
		Blue	VR=75V	—	—	

6. CAUTIONS:

- When being used, do not be over the corresponding limited scale and note in our specification.
- For some products with the static electricity mark, please operate refer to the rules of static electricity fence.
- When designing, please consider the factor of heat, and taking keep away measure to avoid high temperature.
- Do not clean the product with organic impregnant as some of them may damage the product.