



NO. : QB/SPS 73 PS 1139A

SPECIFICATIONS

NAME: 1.8 inch DIGITAL DISPLAY

TYPE: LDC18401SRC

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

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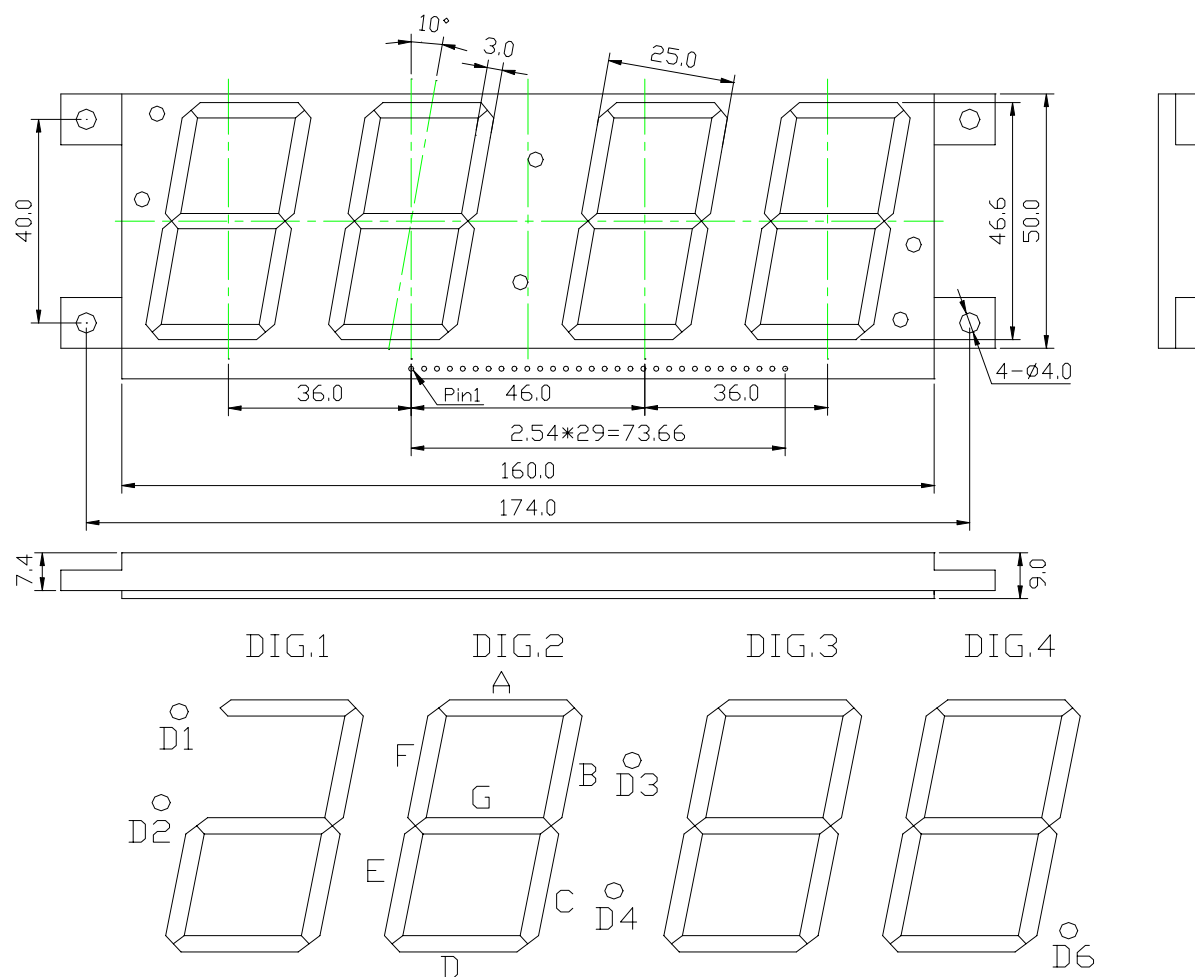
Post Code:518115

LDC—18401SRC

1 . FEATURES

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

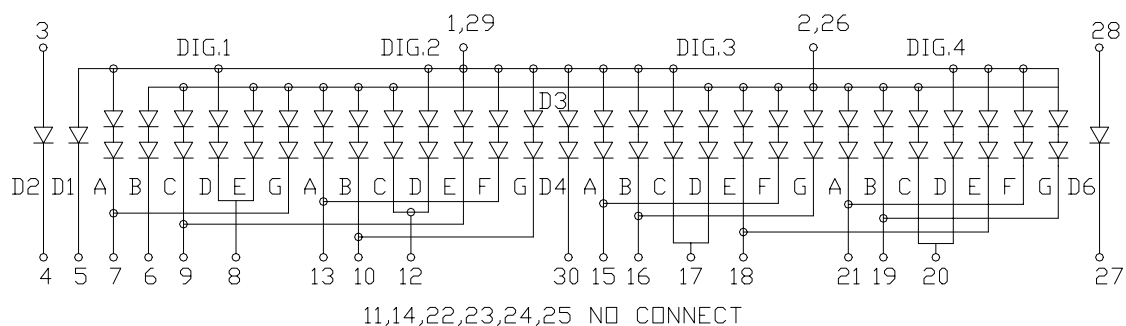
2 . PACKAGE DIMENSIONS:



NOTES:

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

3 . INTERNAL CIRCUIT DIAGRAM.



4 . ABSOLUTE MAXIMUM RATINGS Ta=25

PARAMETER	Red	Green	UNIT
Power dissipation per segment	60X2		mw
Peak forward current per segment*	80		mA
Continuous forward current per segment**	15		mA
Reverse voltage per segment	5X2		V
Operating temperature range	-35 ~ 80		
Storage temperature range	-35 ~ 85		
Solder temperature 1/16 inch below seating plane for 3 seconds at 260			

NOTES:

* 1/10 duty cycle 10 mes pulse width

** We advise average forward c urrent is 15mA

5 . ELECTRICAL/OPTICAL CHARACTERISTICS Ta=25

ITEM	SYMBOL	CONDITION		RATING			UNIT
				min	typ	max	
Luminous Intensity	IV	Red	IF=20mA	—	30	—	mcd
		Green		—	—	—	
Peak Emission Wavelength	λP	Red	IF=20mA	—	640	—	nm
		Green		—	—	—	
Spectral Line Half-width	λ	Red	IF=20mA	—	35	—	nm
		Green		—	—	—	
Forward Voltage per segment	VF	Red	IF=20mA	—	2.0	—	V
		Green		—	—	—	
Reverse Current per segment	IR	Red	VR=10V	—	—	50	μA
		Green	VR=5V	—	—	—	

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.