



NO.: QB/SPS 73 PS 1020A

# SPECIFICATIONS

**NAME: 0.36 inch DIGITAL DISPLAY**

**TYPE: LDS30361SRA**

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

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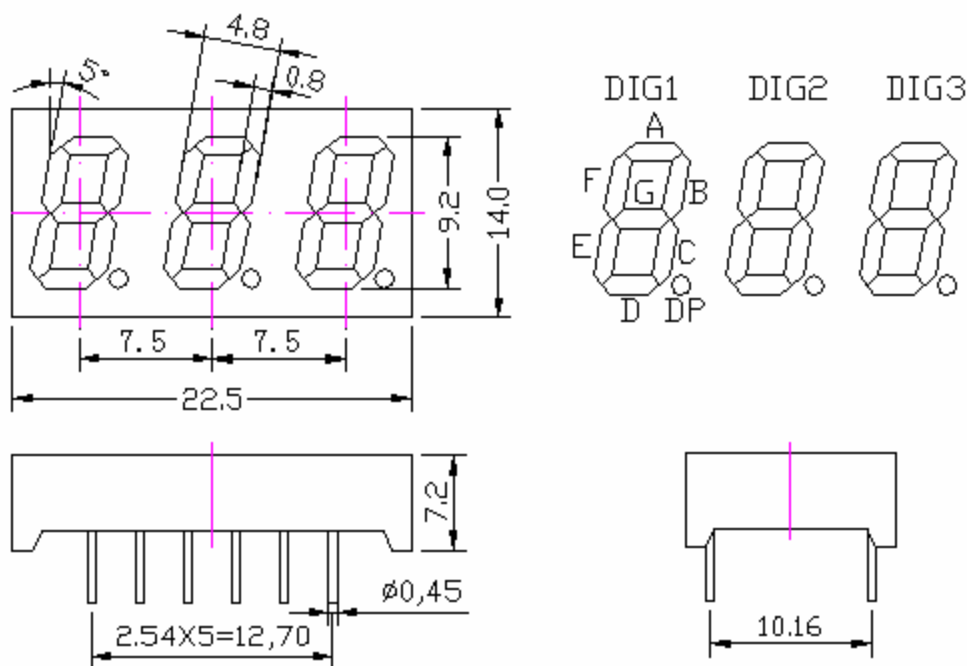
Post Code:518115

LDS—30361SRA

1. FEATURES

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

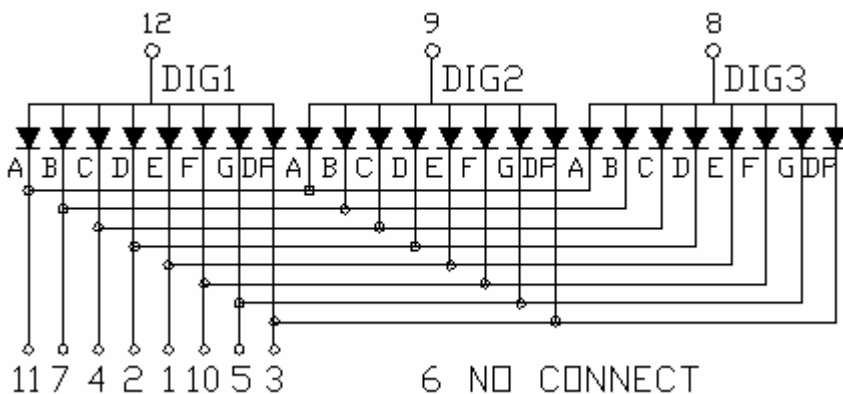
2. PACKAGE DIMENSIONS:



NOTES:

All dimensions are in millimeters, tolerance are  $\pm 0.25$  mm unless otherwise noted.

3. INTERNAL CIRCUIT DIAGRAM.



**4. ABSOLUTE MAXIMUM RATINGS Ta=25°C**

PARAMETER	RED	Green	UNIT
Power dissipation per segment	60		mw
Peak forward current per segment*	80		mA
Continuous forward current per segment**	15		mA
Reverse voltage per segment	5		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	Red	IF=20mA	—	30	—	mcd
		Green		—	—	—	
Peak Emission Wavelength	$\lambda P$	Red	IF=20mA	—	640	—	nm
		Green		—	—	—	
Spectral Line Half-width	$\Delta \lambda$	Red	IF=20mA	—	30	—	nm
		Green		—	—	—	
Forward Voltage per segment	VF	Red	IF=20mA	—	1.85	2.0	V
		Green		—	—	—	
Reverse Current per segment	IR	Red	VR=5V	—	—	50	$\mu A$
		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.