



NO. : QB/SPS 73 PS 1144A

SPECIFICATIONS

NAME: 0.4 inch DIGITAL DISPLAY

TYPE: LDS2041SRA

**SHENZHEN DITELONG INDUSTRIAL CO.,LTD.
SHENZHEN CANDELA ELECTRONIC CO.,LTD.
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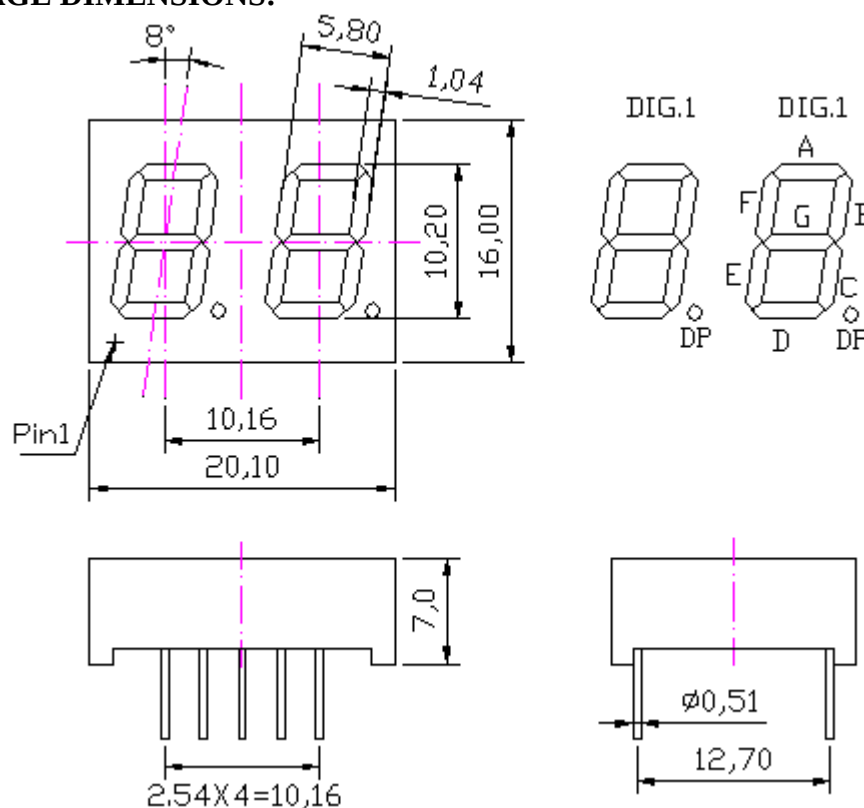
Fax:86-755-28631216

Post Code:518115

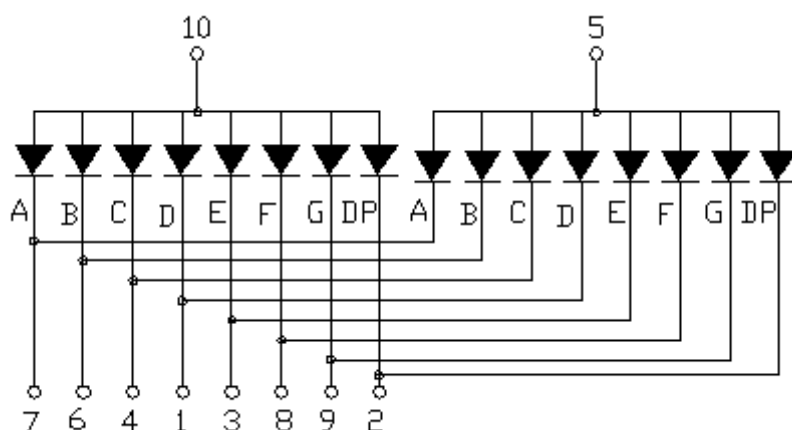
LDS—2041SRA

1. FEATURES

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

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	RED	Blue	UNIT
Power dissipation per segment	60		mw
Peak forward current per segment*	80		mA
Continuous forward current per segment**	20		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	—	20	—	mcd
		Blue		—	—	—	
Peak Emission Wavelength	λP	Red	IF=20mA	—	640	—	nm
		Blue		—	—	—	
Spectral Line Half-width	$\triangle \lambda$	Red	IF=20mA	—	35	—	nm
		Blue		—	—	—	
Forward Voltage per segment	VF	Red	IF=20mA	—	1.85	2.0	V
		Blue		—	—	—	
Reverse Current per segment	IR	Red	VR=5V	—	—	50	μA
		Blue	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.