



NO. : QB/SPS 73 PS 1142A

SPECIFICATIONS

NAME: 0.4 inch DIGITAL DISPLAY

TYPE: LDS2041GA

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

SHENZHEN OFFICE

Add: Room 1911,Zhongwin Science & Techn.Bldg,Bagua 3th Rd.Bagualing Industry Zone Shenzhen,China

Tel: 86-755-25884151

Fax: 86-755-25884659

Post Code: 518029

E-mail: ditelong@asiansources.com

Http://www.asia globalsources.com/ditelong.co

Http://www.ditelong.com

SHENZHEN FACTORY

Add:4/F Ranbao Bldg,NO. 189 Industrial Zone,Henggang,ShenZhen,china

Tel:86-755-28630148 28630040

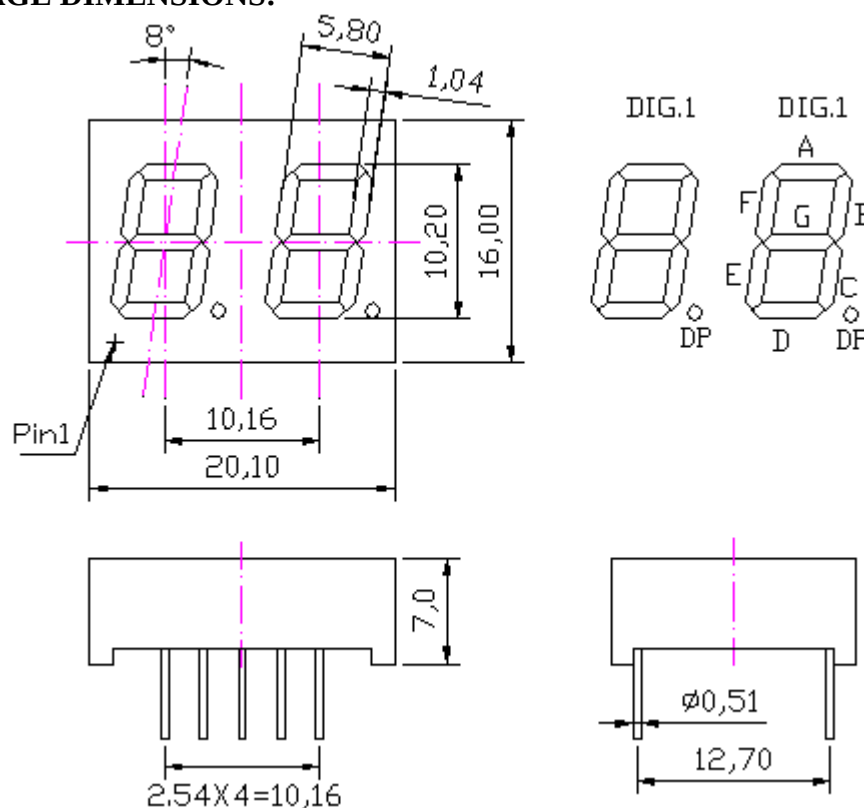
Fax:86-755-28631216

Post Code:518115

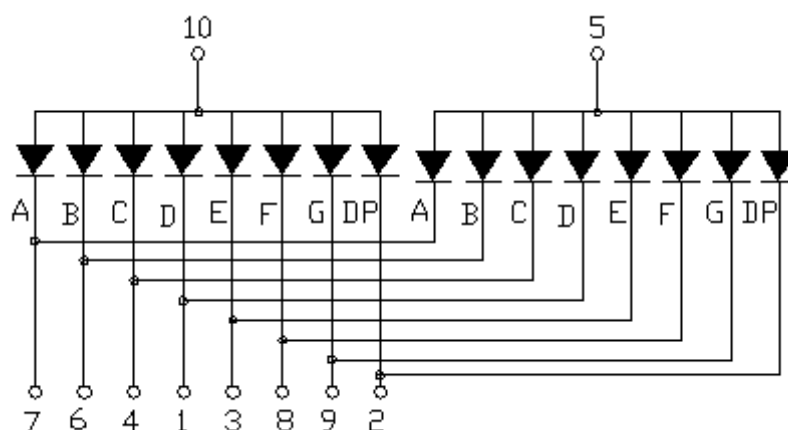
LDS—2041GA

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

PARAMETER	RED	Green	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		
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	—	—	—	mcd
		Green		—	13	—	
Peak Emission Wavelength	λP	Red	IF=20mA	—	—	—	nm
		Green		—	572	—	
Spectral Line Half-width	λ	Red	IF=20mA	—	—	—	nm
		Green		—	30	—	
Forward Voltage per segment	VF	Red	IF=20mA	—	—	—	V
		Green		—	2.2	2.4	
Reverse Current per segment	IR	Red	VR=5V	—	—	—	μA
		Green	VR=5V	—	—	50	

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.