

# LED Cluster Outdoor

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## 11.30\*11.3mm 4\*4 SINGLE COLOR OUTDOOR LAMP CLUSTER

**■ Features:**

- Pixel size 11.3\*11.3mm
- Outdoor use
- High quality and low cost
- Low power requirement
- Single color –Super Red
- Lamp FYL-5063LRC
- Easy assembly
- High reliable and intensity

**■ Description**

- 4\*4 dot matrix displays
- Pitch 15.3mm

**■ Absolute Maximum Ratings at Ta=25 °C**

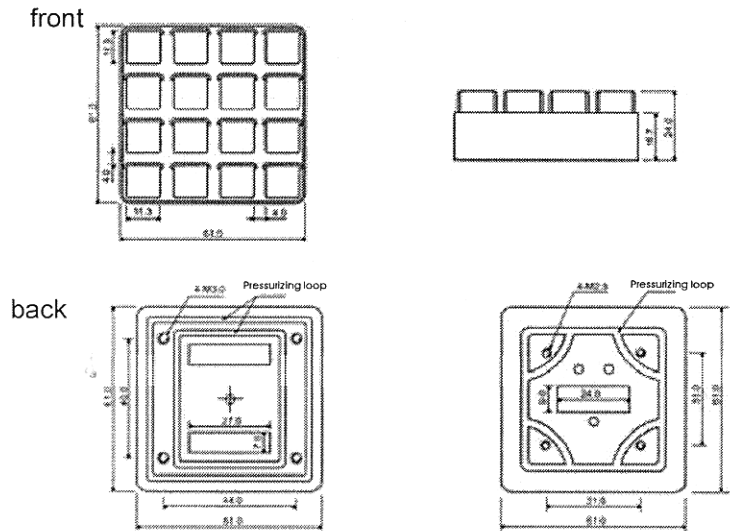
Parameter	Symbol	Super red		Unit
Forward Current	I <sub>F</sub>	25		mA
Power Dissipation	P <sub>d</sub>	60		mW
Reverse Voltage	V <sub>R</sub>	5		V
Peak Forward Current (Duty 1/10 @1KHZ)	I <sub>PF</sub>	150		mA
Operation Temperature	T <sub>OPR</sub>	-40 to +80		°C
Storage Temperature	T <sub>STG</sub>	-40 to +85		°C
Lead Soldering Temperature	T <sub>SOL</sub>	Max.260 ± 5 °C for 3 sec Max.		°C

**■ Electronic Optical Characteristics at Ta=25 °C**

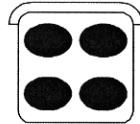
Items	Symbol	Color	Min.	Typ.	Max.	Unit	Condition
Forward Voltage	V <sub>F</sub>	Super red	-	7.40	8.80	V	I <sub>F</sub> =20mA
Reverse Current	I <sub>R</sub>		-	-	20	uA	V <sub>R</sub> =5V
Peak Wavelength	λ <sub>P</sub>	Super red	-	660	-	nm	I <sub>F</sub> =20mA
Spectrum Line Half width	Δλ	Super red	-	20	-	nm	I <sub>F</sub> =20mA
Luminous Intensity	I <sub>V</sub>	Super red	-	800	-	cd/m <sup>2</sup>	I <sub>F</sub> =20mA/dot

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## Internal circuit diagram



## Package dimensions



See Pin Number From Lamp Front Side

