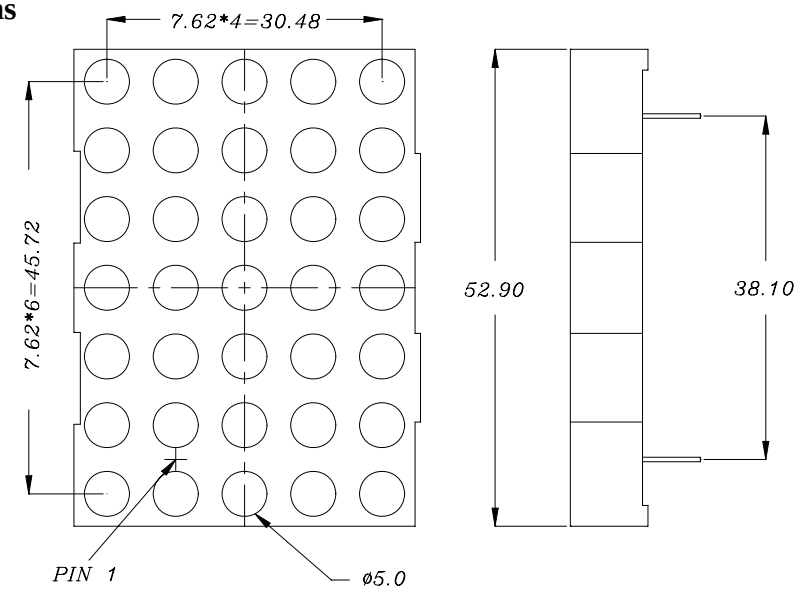
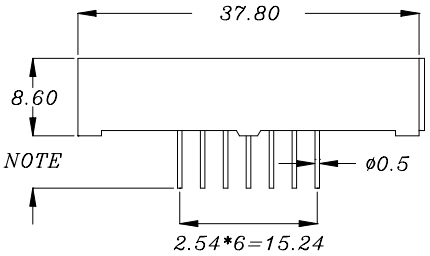
SHARLIGHT ELECTRONICS CO., LTD.

SPECIFICATION FOR APPROVAL

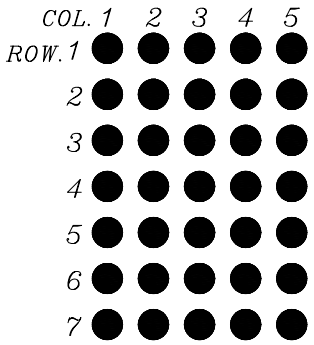
Part No.：CMD-5572300

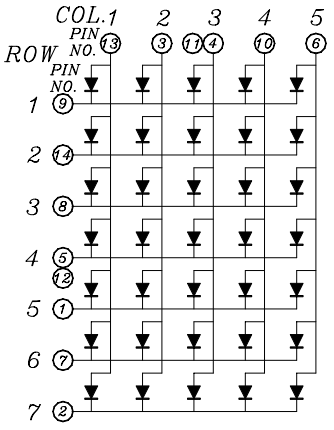
Package Dimensions





	S	E	T
NOTE	3.16	3.7	5.68





1. CATHODE ROW 5
2. CATHODE ROW 7
3. ANODE COLUMN 2
4. ANODE COLUMN 3
5. CATHODE ROW 4
6. ANODE COLUMN 5
7. CATHODE ROW 6
8. CATHODE ROW 3
9. CATHODE ROW 1
10. ANODE COLUMN 4
11. ANODE COLUMN 3
12. CATHODE ROW 4
13. ANODE COLUMN 1
14. CATHODE ROW 2

Notes:

1. All dimensions are in millimeters (inches).

2. Tolerance is ±0.30mm(.010") unless otherwise noted.

3. Protruded resin under flange is 1.0mm(.04") max.

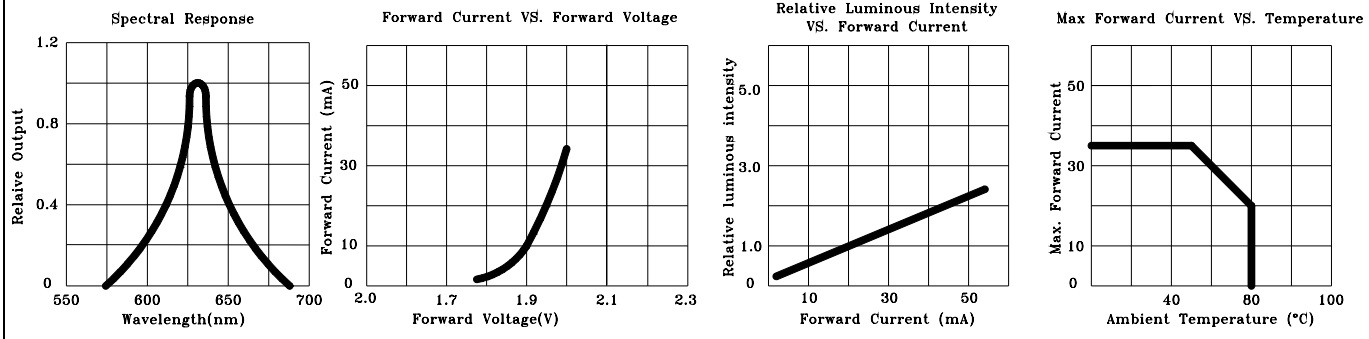
4. Lead spacing is measured where the leads emerge from the package.

5. Specifications are subject to change without notice.

Electrical / Optical Characteristics at TA=25℃

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Average Luminous Intensity	IV	10	20		mcd	IF = 20mA
Peak Emission Wavelength	λP		639		nm	IF = 20mA
Dominant Wavelength	λd	620	631	636	nm	IF = 20mA
Spectral Line Half-Width	Δλ		20		nm	IF = 20mA
Forward Voltage	VF		1.9	2.4	V	IF = 20mA
Reverse Current	IR			100	μA	VR = 5V
Luminous Intensity Matching Ratio	Iv-m			2:1		IF = 20mA

Absolute Maximum Ratings at TA=25℃

Parameter	Maximum Rating	Unit
Power Dissipation	24	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	100	mA
Continuous Forward Current	10	mA
Reverse Voltage	5	V
Operating Temperature Range	-20℃ to + 80℃	
Storage Temperature Range	-55℃ to + 100℃	
Lead Soldering Temperature [1.6mm(.063") From Body]	260℃ for 5 Seconds	

TYPICAL ELECTRON-OPTICAL CHARACTERISTIC CURVES
25°C Free Air Temperature Unless Otherwise Specified