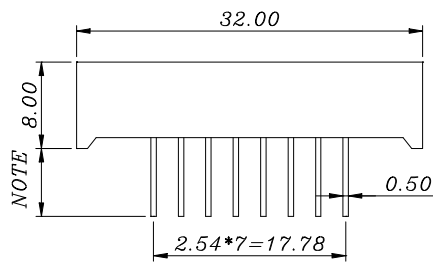
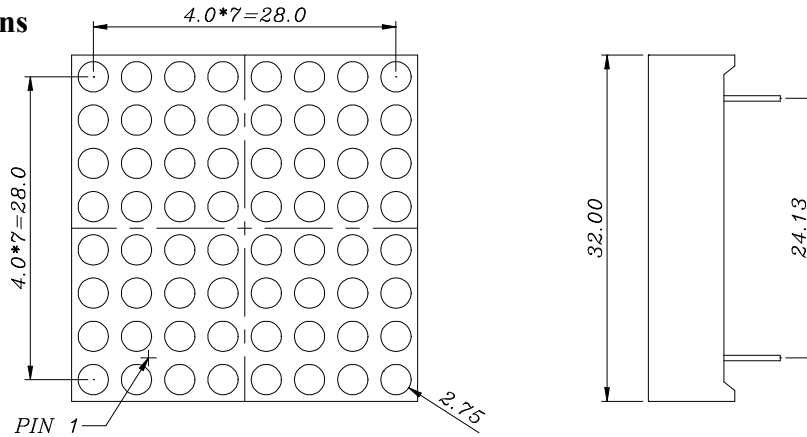


SPECIFICATION FOR APPROVAL

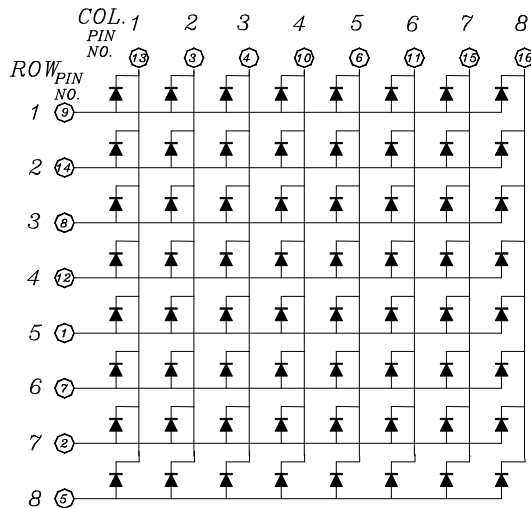
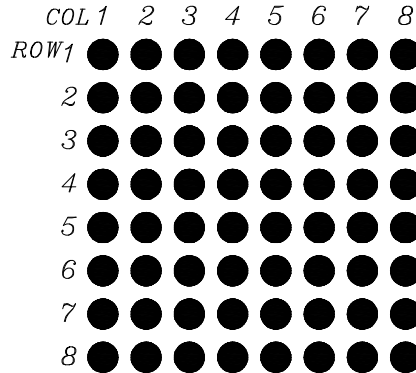
Part No. **□CMD-3881K00**

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Package Dimensions



NOTE	S	E	T
	3.76	4.3	6.28



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

Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.30\text{mm}(.010\text{'})$ 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 \square

SPECIFICATION FOR APPROVAL

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Average Luminous Intensity	IV	7	15	26	mcd	IF = 20mA
Peak Emission Wavelength	λ_P		660		nm	IF = 20mA
Dominant Wavelength	λ_d	635	639	650	nm	IF = 20mA
Spectral Line Half-Width	$\Delta\lambda$		20		nm	IF = 20mA
Forward Voltage, any Segment or D..P.	VF		1.9	2.4	V	IF = 20mA
Reverse Current, any Segment or D..P	IR			100	μ A	VR = 5V
Luminous Intensity Matching Ratio	Iv-m			2:1		IF = 20mA

Absolute Maximum Ratings at TA=25

Parameter	Maximum Rating	Unit
Power Dissipation	40	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	90	mA
Continuous Forward Current	15	mA
Derating Linear From 30 <input type="checkbox"/>	0.2	mA/ <input type="checkbox"/>
Reverse Voltage	5	V
Operating Temperature Range	-20 <input type="checkbox"/> to + 80 <input type="checkbox"/>	
Storage Temperature Range	-55 <input type="checkbox"/> to + 100 <input type="checkbox"/>	
Lead Soldering Temperature [1.6mm(.063") From Body]	260 <input type="checkbox"/> for 5 Seconds	

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

