0.3” 5x7 DOT MATRIX DISPLAY

LJ35X1-X1 SERIES

Features

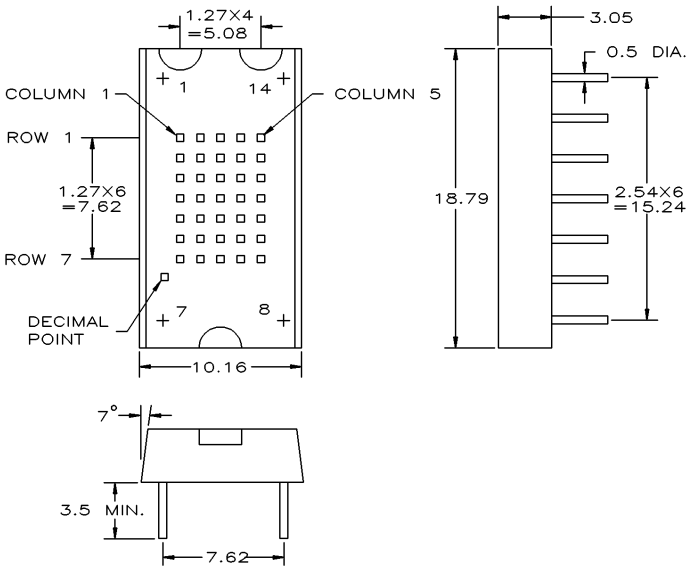
***LOW CURRENT REQUIREMENTS**

***EXCELLENT CHARACTER APPEARANCE**

***HIGH LIGHT OUTPUT**

***IC COMPATIBLE**

Package Dimensions



NOTES:

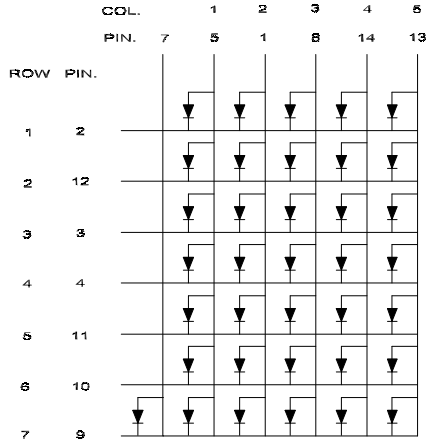
1.All dimensions are in millimeters.

2.Tolerance is±0.25mm unless otherwise noted.

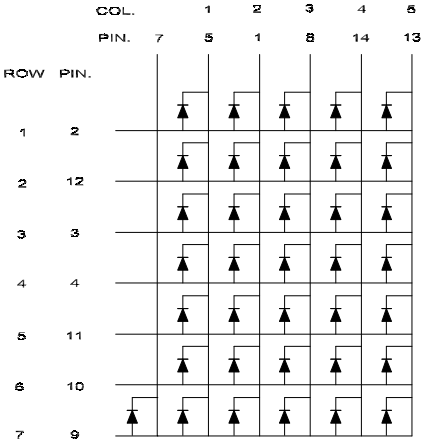
3.The slope angle of any pin may be±5.0° max.

Internal Circuit Diagrams

LJ35X1-11



LJ35X1-21



Pin Function

Pin No.	Function	
	LJ35X1-11 (CATHODE ROW)	LJ35X1-21 (ANODE ROW)
1	ANODE COLUMN 2	CATHODE COLUMN 2
2	CATHODE ROW 1	ANODE ROW 1
3	CATHODE ROW 3	ANODE ROW 3
4	CATHODE ROW 4	ANODE ROW 4
5	ANODE COLUMN 1	CATHODE COLUMN 1
6	NO PIN	NO PIN
7	ANODE DECIMAL POINT	CATHODE DECIMAL POINT
8	ANODE COLUMN 3	CATHODE COLUMN 3
9	CATHODE ROW 7 & DECIMAL POINT	ANODE ROW 7 & DECIMAL POINT
10	CATHODE ROW 6	ANODE ROW 6
11	CATHODE ROW 5	ANODE ROW 5
12	CATHODE ROW 2	ANODE ROW 2
13	ANODE COLUMN 5	CATHODE COLUMN 5
14	ANODE COLUMN 4	CATHODE COLUMN 4

Absolute Maximum Ratings at T_A=25°C

REVERSE VOLTAGE PER LED CHIP (<100μA).SUPERBRIGHT RED 4.0V,GaAsP RED 3.0V,OTHER 5.0V
D.C. FORWARD CURRENT PER LED CHIP.....30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1ms PULSE WIDTH) PER LED CHIP.....100mA
OPERATING TEMPERATURE RANGE.....-25°C TO +85°C
STORAGE TEMPERATURE RANGE.....-25°C TO +100°C
LEAD SOLDERING TEMP.(1.6mm FROM SEATING PLANE).....260°C FOR 3 SEC.

Electrical/Optical Characteristics And Curves at T_A=25°C

PART NUMBER		LED CHIP		PEAK WAVELENGTH @20Ma(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10mA(mcd)	
CATHODE ROW	ANODE ROW	MATERIAL	EMITTING COLOR		TYP.	MAX.	MIN.	TYP.
LJ3511-11	LJ3511-21	GaAsP	RED	655	1.7	2.0	0.2	0.4
LJ3551-11	LJ3551-21	GaP	RED	700	2.1	3.0	0.4	0.6
LJ3521-11	LJ3521-21	GaP	GREEN	567	2.1	2.6	1.4	2.3
LJ3531-11	LJ3531-21	GaAsP ON GaP	YELLOW	585	2.1	3.0	1.1	1.8
LJ3541-11	LJ3541-21	GaAsP ON GaP	ORANGE	635	2.1	3.0	1.6	2.6
LJ3541R-11	LJ3541R-21	GaAsP ON GaP	ORANGE	635	2.1	3.0	1.6	2.6
LJ3571-11	LJ3571-21	GaAlAs ON GaAs	SUPERBRIGHT RED	660	1.7	2.2	6.1	10.0