



LA(C)25X1-24

1.0" SINGLE DIGIT DISPLAY (STANDARD PIN FUNCTION)

Features

- * LOW CURRENT REQUIREMENTS
- * EXCELLENT CHARACTER APPEARANCE
- * HIGH LIGHT OUTPUT
- * RELIABLE AND RUGGED
- * IC COMPATIBLE

Absolute Maximum Ratings at T_A=25°C

REVERSE VOLTAGE PER LED CHIP (<100 μA)	GaAsP RED 3.0V, OTHER 5.0V
D.C. FORWARD CURRENT PER LED CHIP.....	30 mA
PULSE CURRENT (1/10 DUTY CYCLE,0.1 ms PULSE WIDTH) PER LED CHIP.....	100 mA
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 at T_A=25°C

PART NUMBER	LED CHIP	FACE COLOR	PEAK WAVELENGTH @20mA(nm)	FORWARD VOLTAGE @20mA(V)		LUMINOUS INTENSITY @10(mcd)				
				SEG. TYP.	DP. TYP.	MIN.	TYP.			
								MATERIAL	EMITTING COLOR	SURFACE
LA2511-24EWRN	LC2511-24EWRN	GaAsP	RED	GREY	WHITE	655	3.4	1.7	0.3	0.8
LA2551-24EWRN	LC2551-24EWRN	GaP	RED	GREY	WHITE	700	4.2	2.1	0.5	1.2
LA2521-24EWRN	LC2521-24EWRN	GaP	GREEN	GREY	WHITE	567	4.2	2.1	1.8	4.6
LA2531-24EWRN	LC2531-24EWRN	GaAsP ON GaP	YELLOW	GREY	WHITE	585	4.2	2.1	1.5	3.7
LA2541-24EWRN	LC2541-24EWRN	GaAsP ON GaP	ORANGE	GREY	WHITE	635	4.2	2.1	2.1	5.2
LA2541R-24RRRN	LC2541R-24RRRN	GaAsP ON GaP	ORANGE	RED	RED	635	4.2	2.1	2.1	5.2

Package Dimensions And Pin Function

LA25X1-24
COMMON ANODE
PIN NO. FUNCTION

- 1.CATHODE E
- 2.CATHODE D
- 3.NO PIN
- 4.COMMON ANODE
- 5.CATHODE C
- 6.CATHODE DP
- 7.NO PIN
- 8.CATHODE B
- 9.CATHODE A
- 10.NO PIN
- 11.COMMON ANODE
- 12.CATHODE F
- 13.NO PIN
- 14.CATHODE G

LC25X1-24
COMMON CATHODE
PIN NO. FUNCTION

- 1.ANODE E
- 2.ANODE D
- 3.NO PIN
- 4.COMMON CATHODE
- 5.ANODE C
- 6.ANODE DP
- 7.NO PIN
- 8.ANODE B
- 9.ANODE A
- 10.NO PIN
- 11.COMMON CATHODE
- 12.ANODE F
- 13.NO PIN
- 14.ANODE G

1.ALL DIMENSIONS ARE IN mm, TOLERANCE IS ±0.25mm UNLESS OTHERWISE NOTED.
2.THE SLOPE ANGLE OF ANY PIN MAY BE ±5.0°MAX.