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LA(C)50X1-11B 0.5" ALPHANUMERIC DISPLAY

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 BODY).....	260°C FOR 5 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)				
				TYP.	MAX.	MIN.	TYP.			
LA5011-11BEWRN	LC5011-11BEWRN	GaAsP	RED	GREY	WHITE	655	1.7	2.0	0.7	1.1
LA5051-11BEWRN	LC5051-11BEWRN	GaP	RED	GREY	WHITE	700	2.1	3.0	1.1	1.8
LA5021-11BEWRN	LC5021-11BEWRN	GaP	GREEN	GREY	WHITE	567	2.1	2.6	3.9	6.5
LA5031-11BEWRN	LC5031-11BEWRN	GaAsP ON GaP	YELLOW	GREY	WHITE	585	2.1	3.0	3.1	5.2
LA5041-11BBRRN	LC5041-11BBRRN	GaAsP ON GaP	ORANGE	GREY	WHITE	635	2.1	3.0	4.5	7.4
LA5041R-11BRRRN	LC5041R-11BRRRN	GaAsP ON GaP	ORANGE	RED	RED	635	2.1	3.0	4.5	7.4

Package Dimensions And Pin Function

<p>LA50X1-11B COMMON ANODE</p> <table border="0"> <tr><td>PIN NO.</td><td>FUNCTION</td></tr> <tr><td>1.</td><td>CATHODE A2</td></tr> <tr><td>2.</td><td>CATHODE A1</td></tr> <tr><td>3.</td><td>CATHODE I</td></tr> <tr><td>4.</td><td>CATHODE H</td></tr> <tr><td>5.</td><td>CATHODE F</td></tr> <tr><td>6.</td><td>CATHODE E</td></tr> <tr><td>7.</td><td>CATHODE M</td></tr> <tr><td>8.</td><td>CATHODE D2</td></tr> <tr><td>9.</td><td>CATHODE D1</td></tr> <tr><td>10.</td><td>CATHODE DP</td></tr> <tr><td>11.</td><td>CATHODE L</td></tr> <tr><td>12.</td><td>CATHODE K</td></tr> <tr><td>13.</td><td>CATHODE C</td></tr> <tr><td>14.</td><td>CATHODE G1</td></tr> <tr><td>15.</td><td>CATHODE G2</td></tr> <tr><td>16.</td><td>CATHODE B</td></tr> <tr><td>17.</td><td>CATHODE J</td></tr> <tr><td>18.</td><td>COMMON ANODE</td></tr> </table>	PIN NO.	FUNCTION	1.	CATHODE A2	2.	CATHODE A1	3.	CATHODE I	4.	CATHODE H	5.	CATHODE F	6.	CATHODE E	7.	CATHODE M	8.	CATHODE D2	9.	CATHODE D1	10.	CATHODE DP	11.	CATHODE L	12.	CATHODE K	13.	CATHODE C	14.	CATHODE G1	15.	CATHODE G2	16.	CATHODE B	17.	CATHODE J	18.	COMMON ANODE	<p>LC50X1-11B COMMON CATHODE</p> <table border="0"> <tr><td>PIN NO.</td><td>FUNCTION</td></tr> <tr><td>1.</td><td>ANODE A2</td></tr> <tr><td>2.</td><td>ANODE A1</td></tr> <tr><td>3.</td><td>ANODE I</td></tr> <tr><td>4.</td><td>ANODE H</td></tr> <tr><td>5.</td><td>ANODE F</td></tr> <tr><td>6.</td><td>ANODE E</td></tr> <tr><td>7.</td><td>ANODE M</td></tr> <tr><td>8.</td><td>ANODE D2</td></tr> <tr><td>9.</td><td>ANODE D1</td></tr> <tr><td>10.</td><td>ANODE DP</td></tr> <tr><td>11.</td><td>ANODE L</td></tr> <tr><td>12.</td><td>ANODE K</td></tr> <tr><td>13.</td><td>ANODE C</td></tr> <tr><td>14.</td><td>ANODE G1</td></tr> <tr><td>15.</td><td>ANODE G2</td></tr> <tr><td>16.</td><td>ANODE B</td></tr> <tr><td>17.</td><td>ANODE J</td></tr> <tr><td>18.</td><td>COMMON CATHODE</td></tr> </table>	PIN NO.	FUNCTION	1.	ANODE A2	2.	ANODE A1	3.	ANODE I	4.	ANODE H	5.	ANODE F	6.	ANODE E	7.	ANODE M	8.	ANODE D2	9.	ANODE D1	10.	ANODE DP	11.	ANODE L	12.	ANODE K	13.	ANODE C	14.	ANODE G1	15.	ANODE G2	16.	ANODE B	17.	ANODE J	18.	COMMON CATHODE
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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.