

Features

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

PRELIMINARY

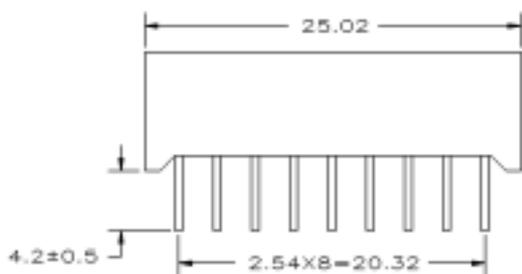
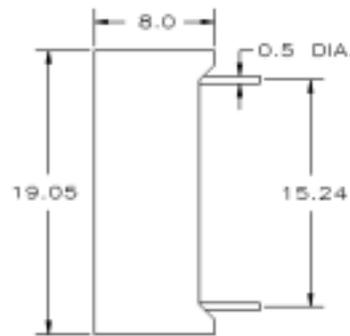
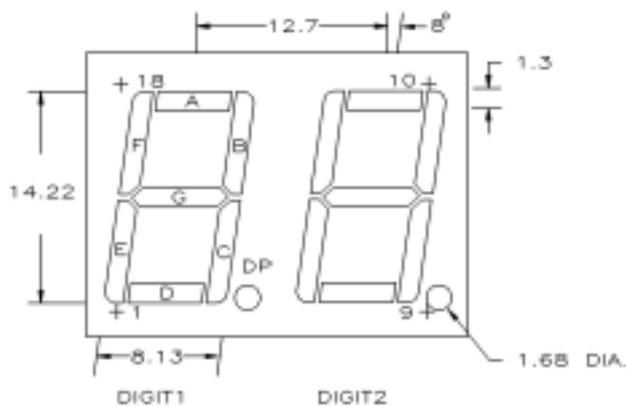
Absolute Maximum Ratings at T_A=25°C

REVERSE VOLTAGE PER LED CHIP (<100 μ A)	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 @10mA(mcd)	
COMMON ANODE	COMMON CATHODE	MATERIAL	EMITTING COLOR	SURFACE	SEGMENT OR DOT		TYP.	MAX.	MIN.	TYP.
LA5612-11EWRS	LC5612-11EWRS	GaAsP	RED	GREY	WHITE	655	1.7	2.0	0.3	0.5
LA5652-11EWRS	LC5652-11EWRS	GaP	RED	GREY	WHITE	700	2.1	2.6	0.5	0.8
LA5622-11EWRS	LC5622-11EWRS	GaP	GREEN	GREY	WHITE	572	2.1	2.6	1.7	2.9
LA5632-11EWRS	LC5632-11EWRS	GaAsP	YELLOW	GREY	WHITE	589	2.1	2.6	1.4	2.3
LA5642-11EWRS	LC5642-11EWRS	GaAsP	ORANGE	GREY	WHITE	630	2.1	2.6	2.0	3.3
LA5642R-11RRRS	LC5642R-11RRRS	GaAsP	ORANGE	RED	RED	630	2.1	2.6	2.0	3.3

Package Dimensions And Pin Function



<p>LA56X2-11 COMMON ANODE</p> <p>PIN NO. FUNCTION</p> <p>1.CATHODE E (DIGIT 1)</p> <p>2.CATHODE D (DIGIT 1)</p> <p>3.CATHODE C (DIGIT 1)</p> <p>4.CATHODE DP (DIGIT 1)</p> <p>5.CATHODE E (DIGIT 2)</p> <p>6.CATHODE D (DIGIT 2)</p> <p>7.CATHODE G (DIGIT 2)</p> <p>8.CATHODE C (DIGIT 2)</p> <p>9.CATHODE DP (DIGIT 2)</p> <p>10.CATHODE B (DIGIT 2)</p> <p>11.CATHODE A (DIGIT 2)</p> <p>12.CATHODE F (DIGIT 2)</p> <p>13.DIGIT 2 COMMON ANODE</p> <p>14.DIGIT 1 COMMON ANODE</p> <p>15.CATHODE B (DIGIT 1)</p> <p>16.CATHODE A (DIGIT 1)</p> <p>17.CATHODE G (DIGIT 1)</p> <p>18.CATHODE F (DIGIT 1)</p>	<p>LC56X2-11 COMMON CATHODE</p> <p>PIN NO. FUNCTION</p> <p>1.ANODE E (DIGIT 1)</p> <p>2.ANODE D (DIGIT 1)</p> <p>3.ANODE C (DIGIT 1)</p> <p>4.ANODE DP (DIGIT 1)</p> <p>5.ANODE E (DIGIT 2)</p> <p>6.ANODE D (DIGIT 2)</p> <p>7.ANODE G (DIGIT 2)</p> <p>8.ANODE C (DIGIT 2)</p> <p>9.ANODE DP (DIGIT 2)</p> <p>10.ANODE B (DIGIT 2)</p> <p>11.ANODE A (DIGIT 2)</p> <p>12.ANODE F (DIGIT 2)</p> <p>13.DIGIT 2 COMMON CATHODE</p> <p>14.DIGIT 1 COMMON CATHODE</p> <p>15.ANODE B (DIGIT 1)</p> <p>16.ANODE A (DIGIT 1)</p> <p>17.ANODE G (DIGIT 1)</p> <p>18.ANODE F (DIGIT 1)</p>
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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.