imall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Spec No.: DS30-2001-094 Effective Date: 05/16/2001 Revision: -



BNS-OD-FC001/A4

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FEATURES

*0.4 inch (10.0-mm) DIGIT HEIGHT. *****CONTINUOUS UNIFORM SEGMENTS. ***LOW POWER REQUIREMENTS. * EXCELLENT CHARACTERS AND APPEARANCE. ***HIGH CONTRAST. *****HIGH BRIGHTNESS. ***** WIDE VIEWING ANGLE. ***** SOLID STATE RELIABILITY. * COMMON ANODE OR COMMON CATHODE MODELS. *CATEGORIZED FOR LUMINOUS INTENSITY. *EASY MOUNTING ON P.C. BOARD.

DESCRIPTION

The LTP-4323JD is a 0.4 inch (10.0 mm) digit height 16-segment dual alphanumeric display. This device utilizes AlInGaP Hyper red LED chips, which are made from AlInGaP on a non-transparent GaAs substrate, and has a gray face and white segments.

DEVICE

PART NO.	DESCRIPTION
AlInGaP Hyper red	DUPLEX COMMON CATHODE
LTP-4323JD	RT. HAND DECIMAL

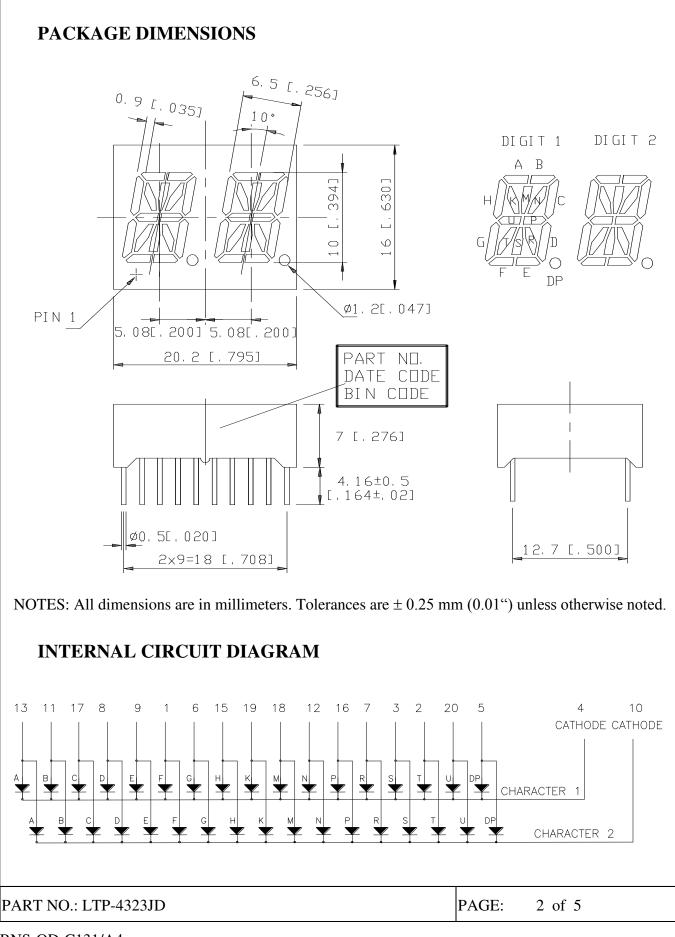
PART NO.: LTP-4323JD

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PIN CONNECTION

No.	CONNECTION			
1	ANODE F			
2	ANODE T			
3	ANODE S			
4	COMMON CATHODE CHARACTER 1			
5	ANODE DP			
6	ANODE G			
7	ANODE R			
8	ANODE D			
9	ANODE E			
10	COMMON CATHODE CHARACTER 2			
11	ANODE B			
12	ANODE N			
13	ANODE A			
14	NO CONNECTION			
15	ANODE H			
16	ANODE P			
17	ANODE C			
18	ANODE M			
19	ANODE K			
20	ANODE U			

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ABSOLUTE MAXIMUM RATING AT Ta=25°C

PARAMETER	MAXIMUM RATING	UNIT		
Average Power Dissipation Per Segment	70	mW		
Peak Forward Current Per Segment	90	mA		
Average Forward Current Per Segment	25	mA		
Derating Linear From 25°C Per Segment	0.33	mA/°C		
Reverse Voltage Per Segment	5	V		
Operating Temperature Range	-35° C to $+85^{\circ}$ C			
Storage Temperature Range	-35° C to $+85^{\circ}$ C			
Solder Temperature: max 260° C for max 3sec at 1.6mm[1/16inch] below seating plane.				

ELECTRICAL / OPTICAL CHARACTERISTICS AT Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	TEST CONDITION
Average Luminous Intensity	Iv	200	650		μcd	IF=1mA
Peak Emission Wavelength	λp		650		nm	IF=20mA
Spectral Line Half-Width	Δλ		20		nm	IF=20mA
Dominant Wavelength	λd		639		nm	IF=20mA
Forward Voltage Per Segment	VF		2.1	2.6	V	IF=20mA
Reverse Current Per Segment	Ir			100	μΑ	V _R =5V
Luminous Intensity Matching Ratio	Iv-m			2:1		IF=1mA

Note: Luminous intensity is measured with a light sensor and filter combination that approximates the CIE (Commision Internationale De L'Eclairage) eye-response curve.

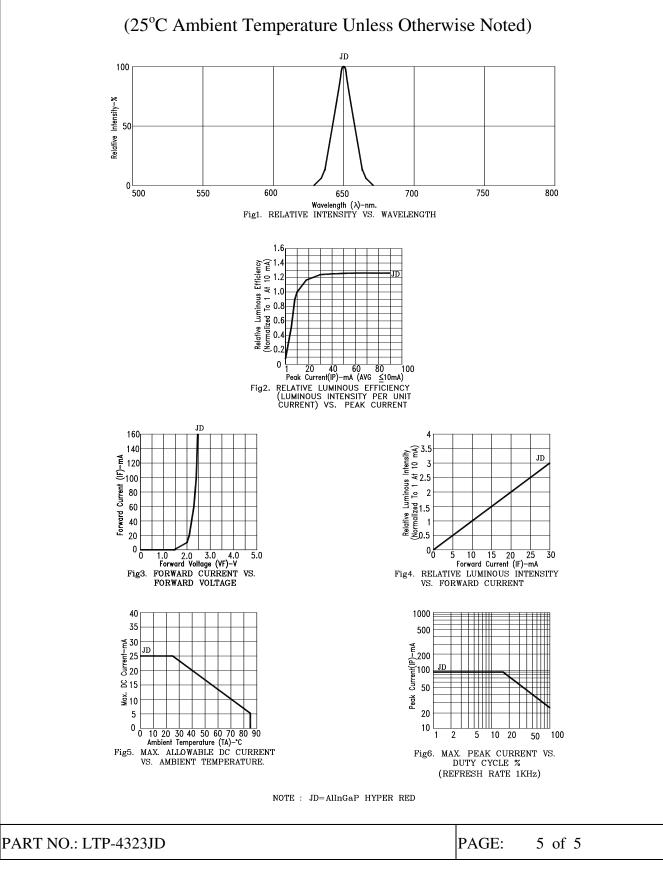
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TYPICAL ELECTRICAL / OPTICAL CHARACTERISTIC CURVES



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