



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!



## Contact us

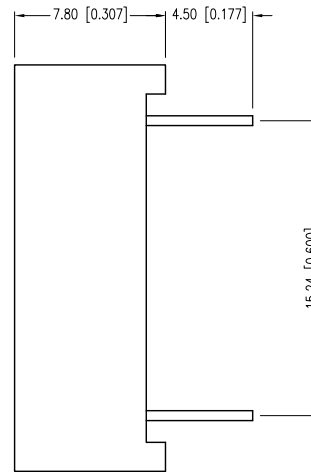
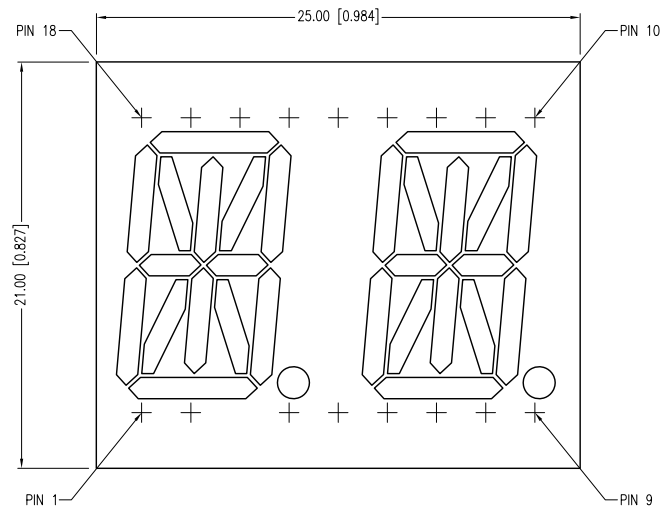
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: [info@chipsmall.com](mailto:info@chipsmall.com) Web: [www.chipsmall.com](http://www.chipsmall.com)

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



PART NUMBER	LDD-E5402R1	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
06.21.03	E.C.N. #10BRDR. & REDRAWN.		A
02.09.05	E.C.N. # 11214		B
07.06.10	E.C.N. # 11651		C
07.09.12	E.C.N. #10BRDR. & REDRAWN/#11828.		D

ELECTRO-OPTICAL CHARACTERISTICS  $T_a=25^\circ\text{C}$   $I_f=10\text{mA}$ 

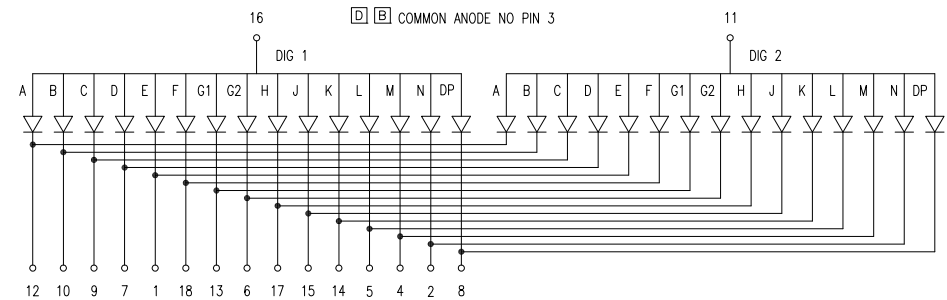
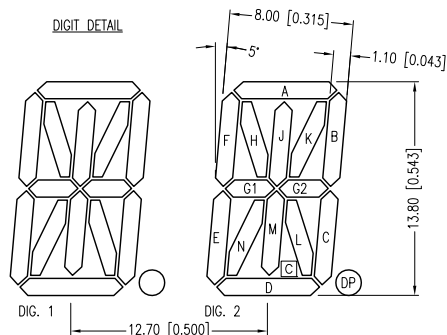
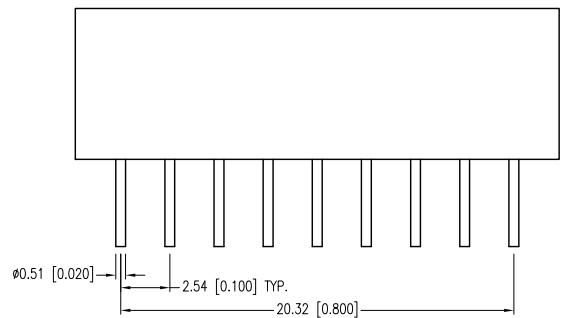
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100 $\mu$ A
AXIAL INTENSITY		2500		$\mu\text{cd}$	I <sub>f</sub> =10mA
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
LENS FINISH:	MILKY WHITE DIFFUSED				

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

\*  $t < 10\mu\text{s}$ 

CAUTION: STATIC SENSITIVE DEVICE  
FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART.



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE:  $X=\pm 1$  ( $\pm 0.039$ ),  $X.X=\pm 0.5$  ( $\pm 0.020$ ),  $X.XX=\pm 0.25$  ( $\pm 0.010$ ),  $X.XXX=\pm 0.127$  ( $\pm 0.005$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ), MIN.= +DECIMAL PRECISION MAX.= -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
FAX: +1.847.359.6538  
WEB: WWW.LUMEX.COM  
MEMBER OF ITW PHOTONICS GROUP

0.54" 14 SEG'T, 2 D'I'T, LED DS'Y, 565nm, GR'N CHIPS, GR'Y FACE, W/ WHT SEG'TS, M-PLEXED, COM'N ANODE.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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DATE:	07.09.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		(Pb)