

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 Web: www.chipsmall.com

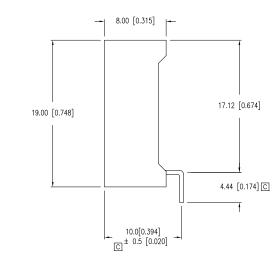
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China







PART NUMBER	LDD-M512RI-RA	REV.	С
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.26.96	E.C.N. #10156.		Α
02.17.99	E.C.N. #10BRDR & REDRAWN.		В
05.19.10	E.C.N. #11641.		С
10.13.15	E.C.N. #11978 PIN LENGTH CHANGE.		С



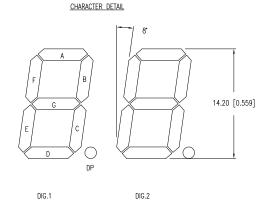
ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^{\circ}C$ $I_f = 10$ mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.1	2.6	V f	
REVERSE VOLTAGE	5.0			۷ <sub>r</sub>	$I_r = 100 \mu A$
AXIAL INTENSITY		3900		μcd	$I_f = 10 \text{mA}$
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHIT	E DIFFUSED			

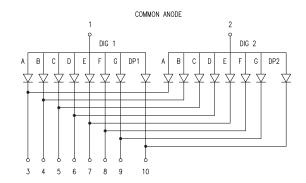
LIMITS OF SAFE OPERATION AT 25°C	PER CHIP C	
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	65	mW
DERATE FROM 25°C	_	mW/*C
OPERATING TEMP.	- 35 TO +85	•C
STORAGE TEMP.	- 35 TO +85	•C
SOLDERING TEMP.	+ 260	•C
2.0mm FROM BODY	3	SEC. MAX

\* t<10µS

25.00 [0.984]
2.50 [0.098] (9 PLS.)

Ø0.51 [0.020] (10 PLS.)





\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX. = +0.00 -DECIMAL PRECISION



C 0.20 [0.008]

425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE: +1.800.278.5666 FAX: +1.630.315.2152

0.56" 7 SEGMENT, DUAL DIGIT DISPLAY, 565nm CHIPS, GRAY FACE WITH WHITE SEGMENTS, RIGHT ANGLE LEADS.

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

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	DATE:	12.05.15	DRAWN BY:	KC	
_	PAGE:	1 OF 1	CHKD BY:	SS	
	SCALE:	N/A	APRVD BY:	KF	
	UNIT:	mm [INCH]	Pb		