

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Lumex, Inc.](#)

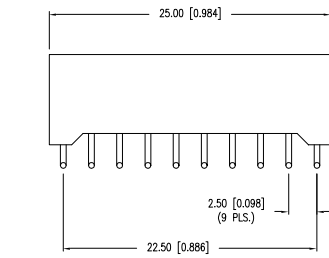
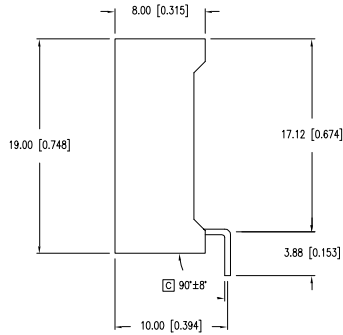
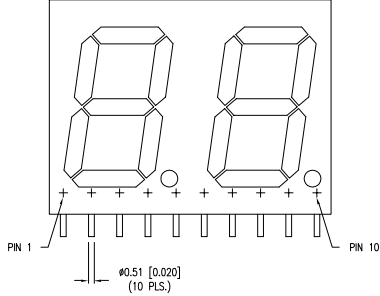
[LDD-M514RI-RA](#)

For any questions, you can email us directly:

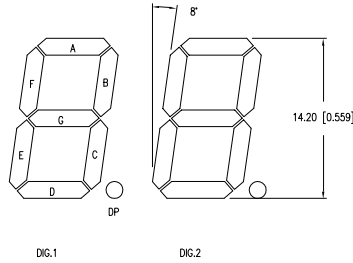
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

UNCONTROLLED DOCUMENT

PART NUMBER	LDD-M514RI-RA	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.26.96	E.C.N. #10156		A
02.17.99	E.C.N. #10BRDR. & REDRAWN.		B
05.19.10	E.C.N. #11641.		C



CHARACTER DETAIL



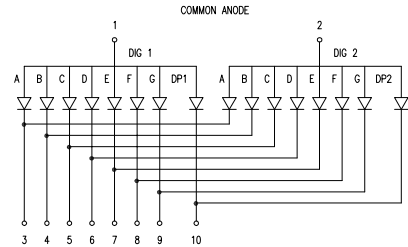
ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	$V_f$	
REVERSE VOLTAGE	5.0			$V_r$	$I_f=100\mu\text{A}$
AXIAL INTENSITY		3900		$\mu\text{cd}$	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	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. MAX

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



\*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 -0.00, MAX= +0.00 -DECIMAL PRECISION



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0.56" 7 SEGMENT, DUAL DIGIT DISPLAY, 635nm 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.\*\*  
 CONFIDENTIAL INFORMATION  
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UNCONTROLLED DOCUMENT

DATE:	01.30.96	DRAWN BY:	BC
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	N/A	APRVD BY:	KF
UNIT:	mm [INCH]		