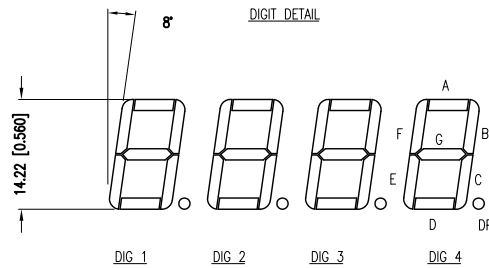
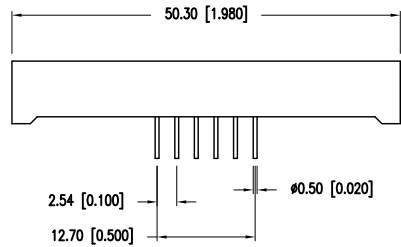
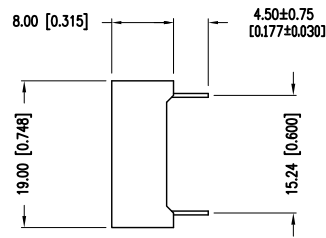
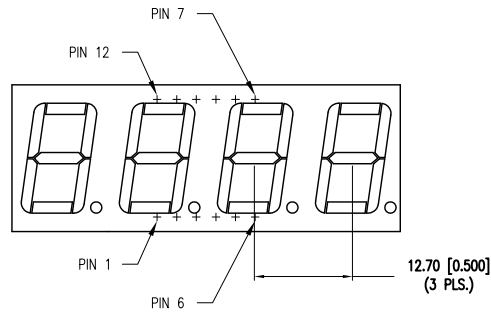
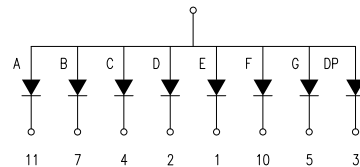


PART NUMBER	LDQ-M516RI	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.22.98	E.C.N. #10BRDR, #10383, #10387, REDRAWN./		A
01.09.14	E.C.N. #10BRDR.		B



COMMON ANODE

- DIG 1: PIN NO. 12
- DIG 2: PIN NO. 9
- DIG 3: PIN NO. 8
- DIG 4: PIN NO. 6



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE	1.8	2.0	2.4	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY	8000	15000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FONT COLOR:	GREY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-35 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-35 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

RELIABILITY NOTE:

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.

*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 UNCONTROLLED DOCUMENT



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

0.56" 4 DIGIT, 7 SGM DISPLAY, 660nm RED, GREY FONT/WHITE SEGMENTS, MULTIPLEXED, COMMON ANODE.

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

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DATE:	01.09.14	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	DT
SCALE:	N/A	APRVD BY:	DT
UNIT:	mm [INCH]		(Pb)

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