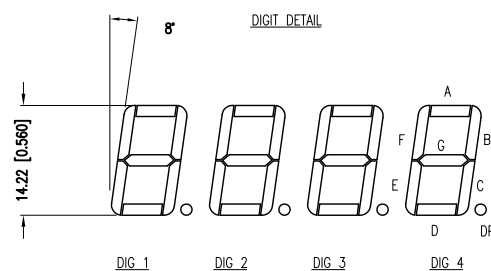
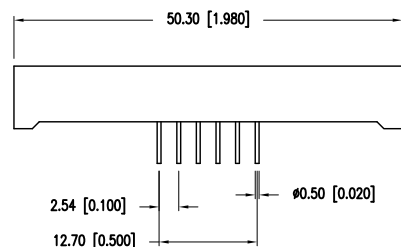
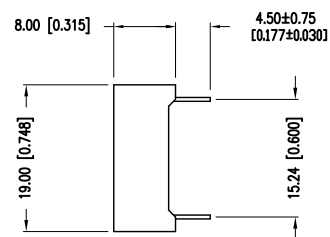
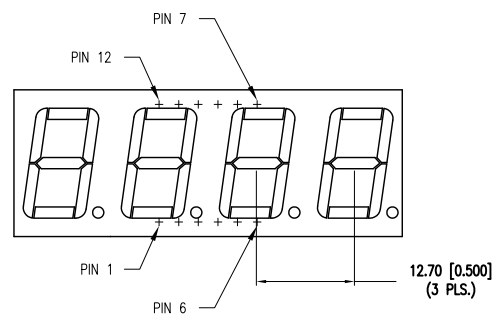
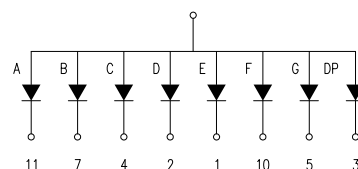


PART NUMBER	LDQ-M516RI	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
04.22.98	E.C.N. #10BRDR, #10383, #10387, REDRAWN./		A
01.09.14	E.C.N. #10BRDR.		B



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

* $t < 10\text{uS}$

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

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

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

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