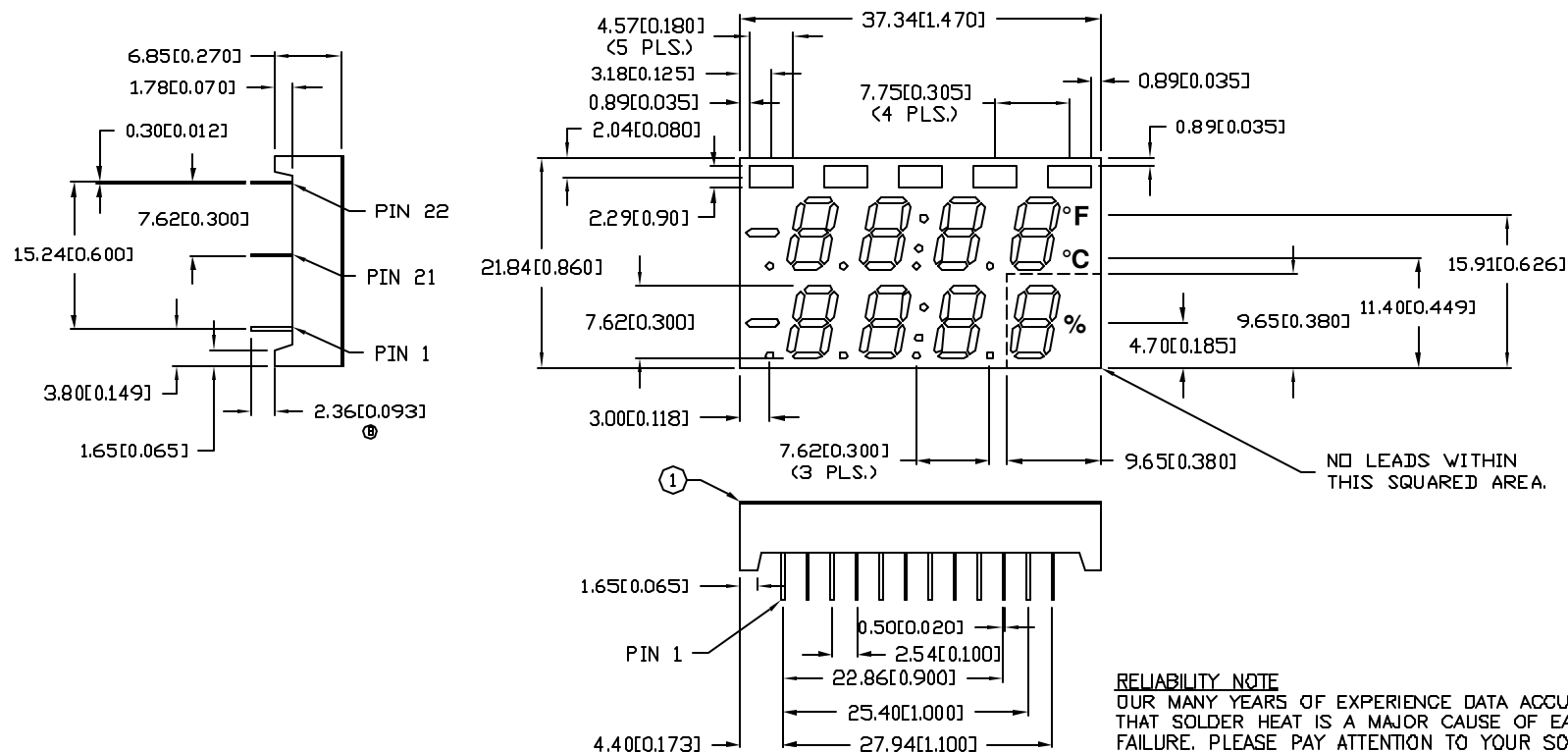


DATE	REVISIONS	REV	DRAWING NUMBER	REV
8-28-96	E.C.N. #10234./	A	LDQ-2N3722RD-23726	D
11-6-96	E.C.N. #10267./	B		
10-13-97	E.C.N. #10BRDR./	C		
12-9-97	E.C.N. #10401./	D		



NOTES:

TOP ROW HAS 12 PINS.
MIDDLE ROW HAS 11 PINS.
BOTTOM ROW HAS 10 PINS.

B.O.M.

1. LXP-OL2N3722 OVERLAY.

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.

LUMEX
INCORPORATED

290 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(847) 359-2790

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DATE: 7-24-96	DWN:	CHK'D:	APP'D:
SCALE: N/A			

0.3", DOUBLE ROW, 8 DIGIT CUSTOM DISPLAY,
RED/GREEN/YELLOW, BLACK FONT/WHITE SEGMENTS.

PAGE 1 OF 2

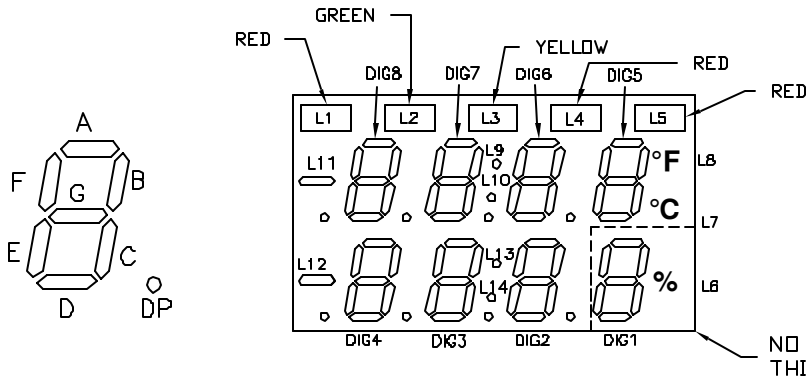
DRAWING NUMBER
LDQ-2N3722RD-23726

REV
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DRAWING NUMBER
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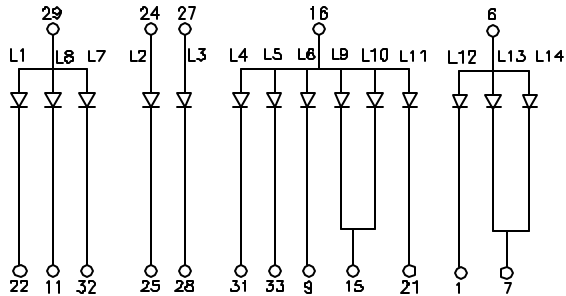
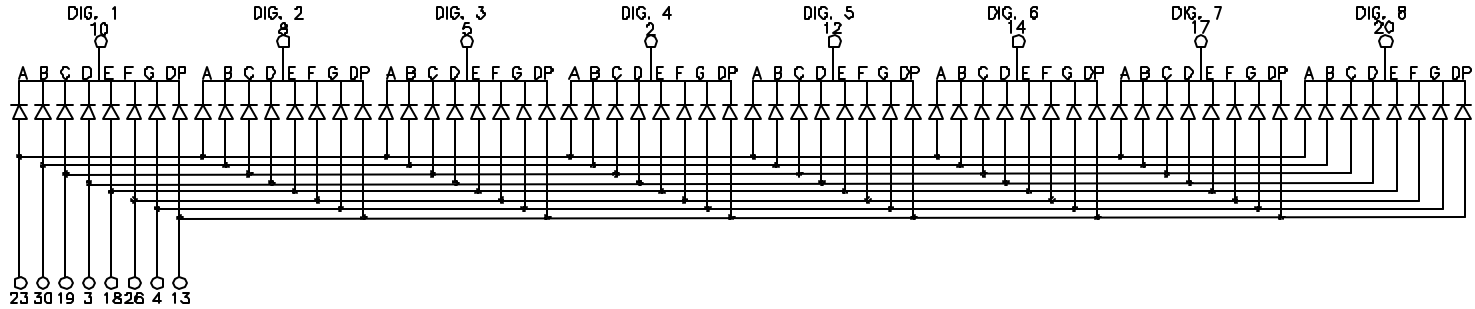
REV
D



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_F=20\text{mA}$				
PARAMETER	RED	YELLOW	GREEN	UNITS
PEAK COLOR WAVELENGTH	635	585	565	nm
FORWARD VOLTS (TYP)	2.0	2.1	2.1	V _f
AXIAL INTENSITY (TYP)	7500	5800	8000	μcd
REVERSE VOLTS @100 μA	5.0	5.0	5.0	V _r MIN
VIEWING ANGLE	80	80	80	2x theta
FONT COLOR:	BLACK			
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G/Y)	30/25/30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+280	°C
	3 SEC. MAX	

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



NOTES
1. DIGITS 1-4, & L2 ARE 585nm GREEN.
2. DIGITS 5-8, °F, °C, %, L1, L4, L5 ARE 630nm RED.
3. L3 IS 585nm YELLOW.
4. 33 PINS TOTAL.
UNITS: mm (in.)

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0.3", DOUBLE ROW, 8 DIGIT CUSTOM DISPLAY
RED/GREEN/YELLOW, BLACK FONT/WHITE SEGMENTS

PAGE 2 OF 2	DRAWING NUMBER LDQ-2N3722RD-23726	REV D
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