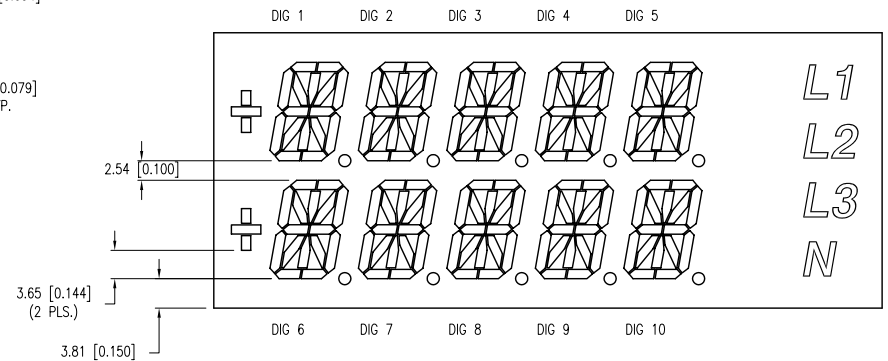
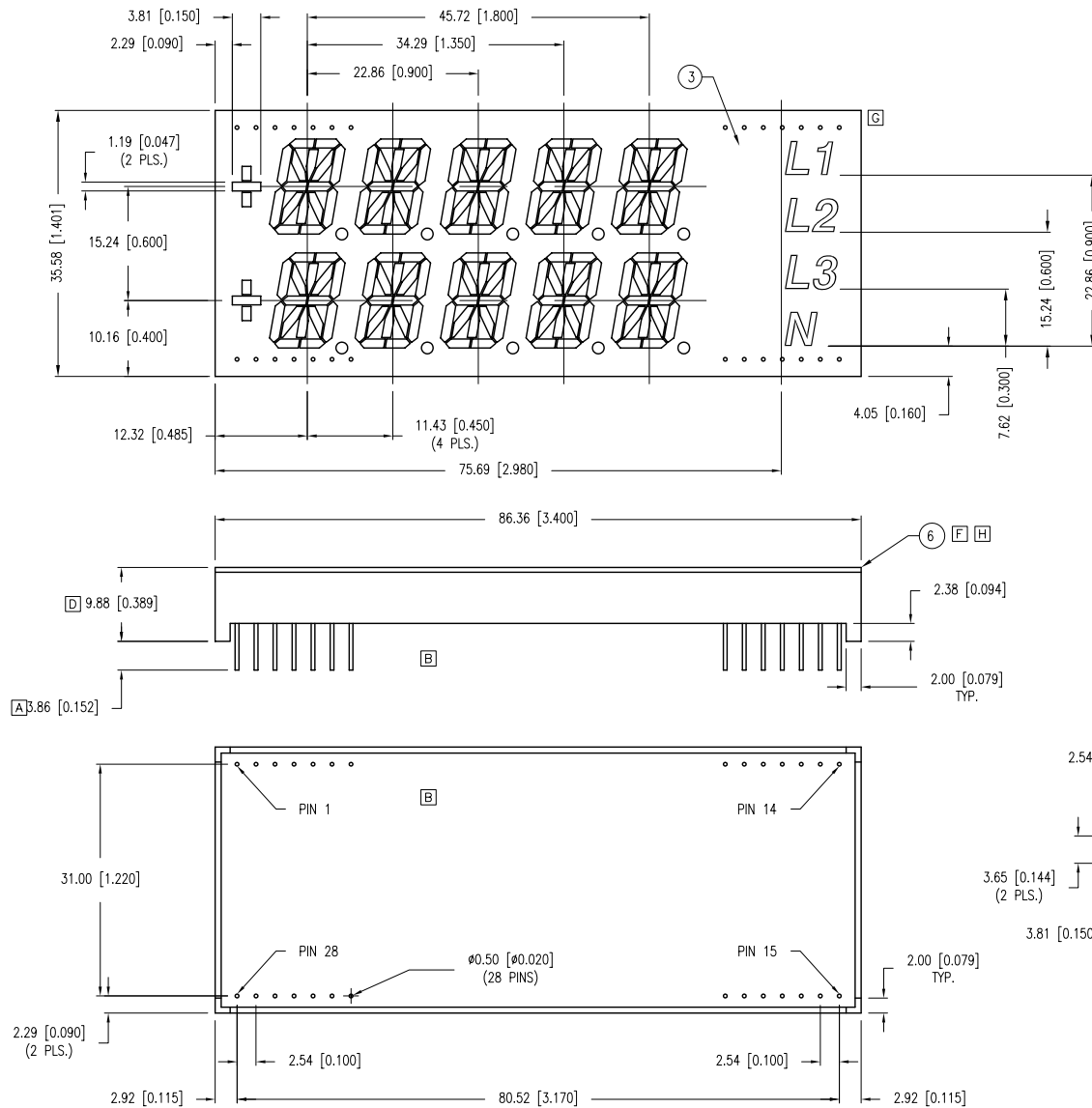


PART NUMBER	LDQ-2RAN5025R36168	REV.	H
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
06.04.98	E.C.N. #10435.		A
06.23.98	E.C.N. #10439.		B
08.03.98	E.C.N. #10446.		C
08.10.98	E.C.N. #10448.		D
11.02.98	E.C.N. #10476 & #10BRDR.		E
08.09.99	E.C.N. #10544.		F
06.01.10	E.C.N. #11645.		G
02.13.12	E.C.N. #11805.		H



*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

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

CUSTOM 10 DIGIT, 0.5" TALL, 16 SEGMENT DISPLAY, BLACK FACE/RED SEGMENTS

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

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DATE:	04.17.98	DRAWN BY:	DU
PAGE:	1 OF 2	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ

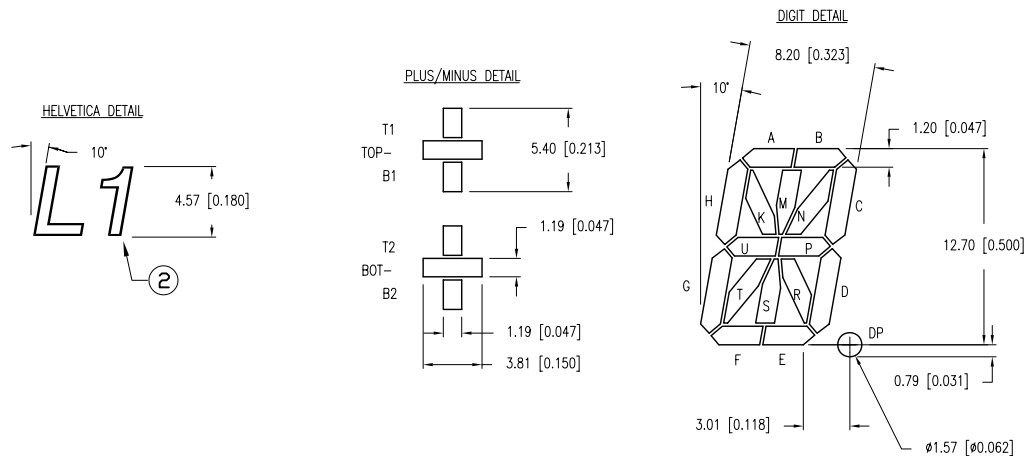
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02.13.12	E.C.N. #11805.		H

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	
		660		nm	
FORWARD VOLTAGE(R/SR)		2.0/1.8	2.5/2.0	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY(R/SR)		2500/24000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	BLACK				
SEGMENT COLOR:	RED DIFFUSED				

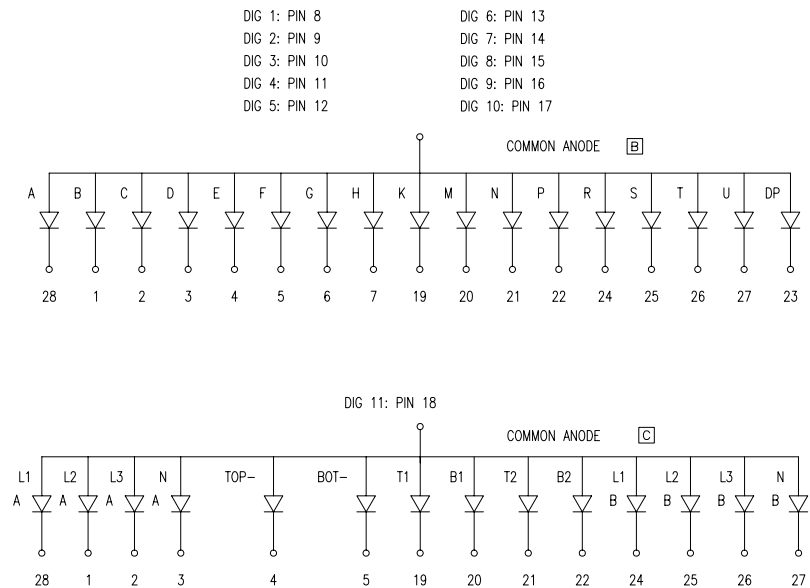
LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	$\text{mW}/^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY	3	SEC. MAX

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

[H] [G] [F] [E] NOTES:

- MOLDED PLASTIC CASE: POLYCARBONATE.
- 18 PT. HELVETICA BOLD ITALIC FONT. LEFT JUSTIFIED. #3.
- THIS SURFACE TO BE BLACK COLOR.
- OVERALL THICKNESS DIMENSION INCLUDES SOLDER STAND-OFF LEGS AND OVERLAY.
- SUPER RED CHIPS IN WINDOWS L1, L2, L3 & N ONLY.
- WARPAGE ON REFLECTOR TO BE 0.635mm [0.025] MAX.

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

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 Creating LED and LCD Solutions Together™	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	CUSTOM 10 DIGIT, 0.5" TALL, 16 SEGMENT DISPLAY, BLACK FACE/RED SEGMENTS	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**	DATE: 04.17.98	DRAWN BY: DU
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