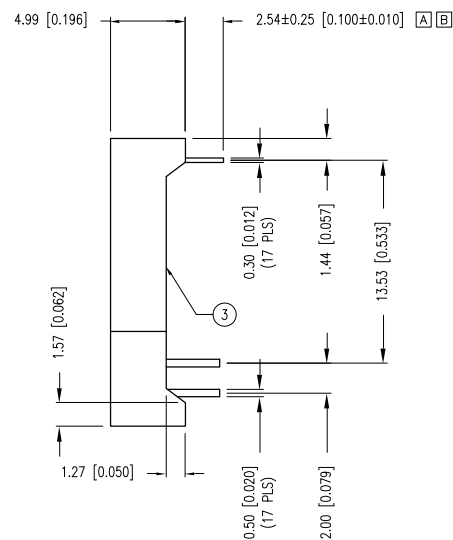
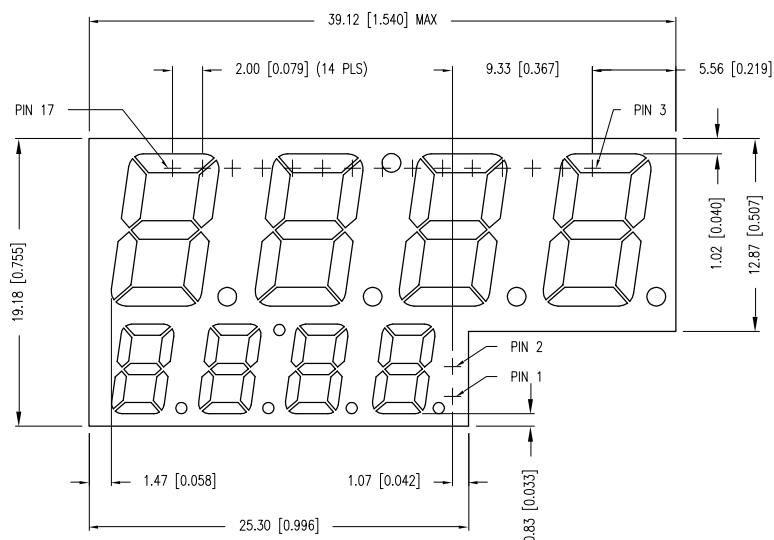
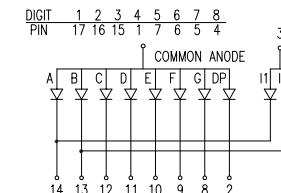
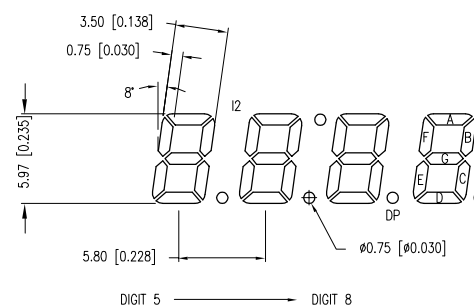
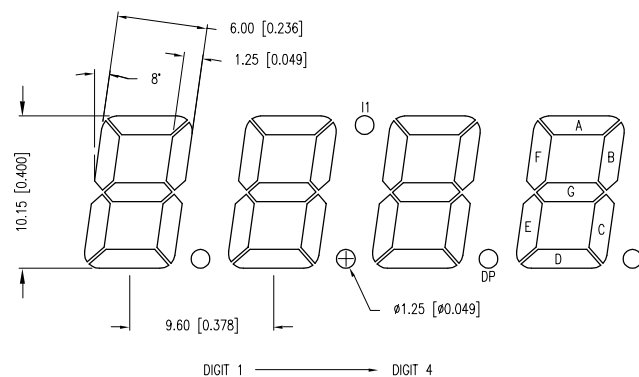


PART NUMBER	LDQ-2R4025D024RI	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.14.02	E.C.N. #10863.		A
05.20.02	E.C.N. #10867.		B
07.15.02	E.C.N. #10892.		C
03.20.07	E.C.N. #11148.		D



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	635 (RED)			nm	
	565 (GREEN)			nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G)		3500/2200		ucd	$I_f=10\text{mA}$
EMITTED COLOR:	RED/GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.		-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

NOTE:

1. LARGE DIGITS: 635nm RED CHIPS.
2. SMALL DIGITS: 565nm GREEN CHIPS.

*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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CUSTOM LED DISPLAY

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

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DATE: 01.22.02	DRAWN BY: JC
PAGE: 1 OF 1	CHKD BY: —
SCALE: N/A	APRVD BY: —
UNIT: mm [INCH]	(P)