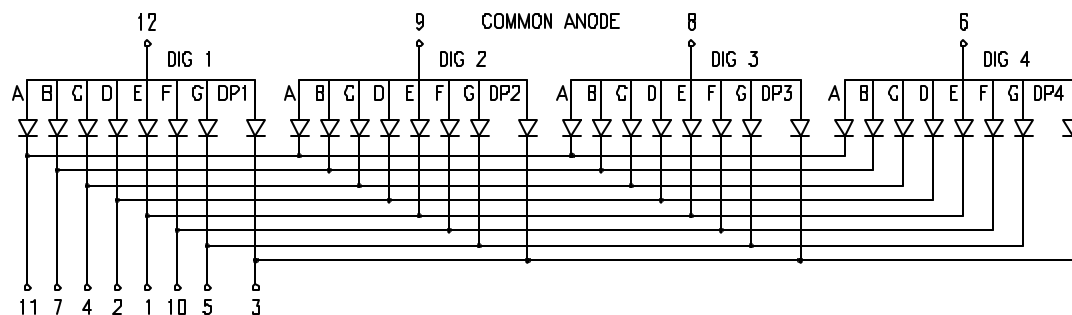
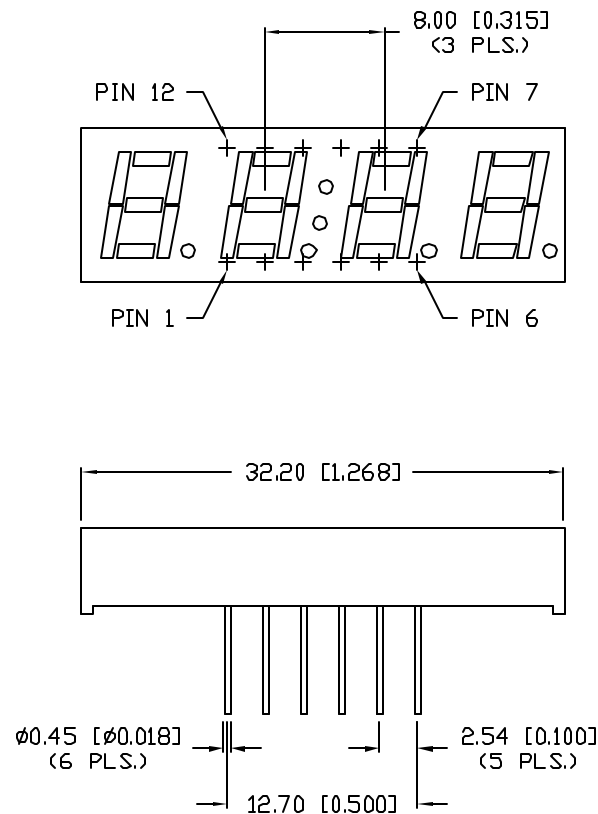


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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

PART NUMBER
LDQ-M286RIREV.
C

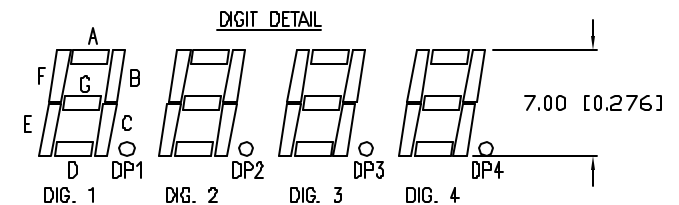
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10337.	5.1.97
B	E.C.N. #10387. & REDRAWN.	10.2.98
C	E.C.N. #10780. & REDRAWN.	8.22.01

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		650 (RED)		nm	
FORWARD VOLTAGE		1.8	2.3	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		9000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE 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	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.	-30 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3 SEC. MAX	

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

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REV.
CPART NUMBER
LDQ-M286RI

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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.



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TW WEB: www.lumex.com.tw



0.28" FOUR DIGIT SEVEN SEGMENT DISPLAY,
SUPER RED, GRAY FACE, WHITE SEGMENTS, COMMON ANODE.

DRAWN BY: GT	CHECKED BY:	APPROVED BY:	DATE: 1.16.01
			PAGE: 1 OF 1
			SCALE: N/A

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