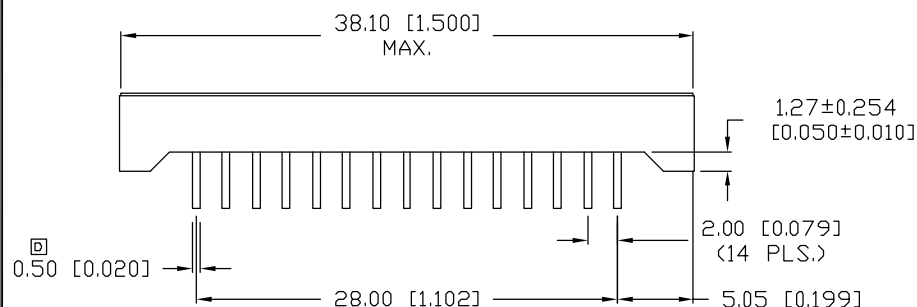
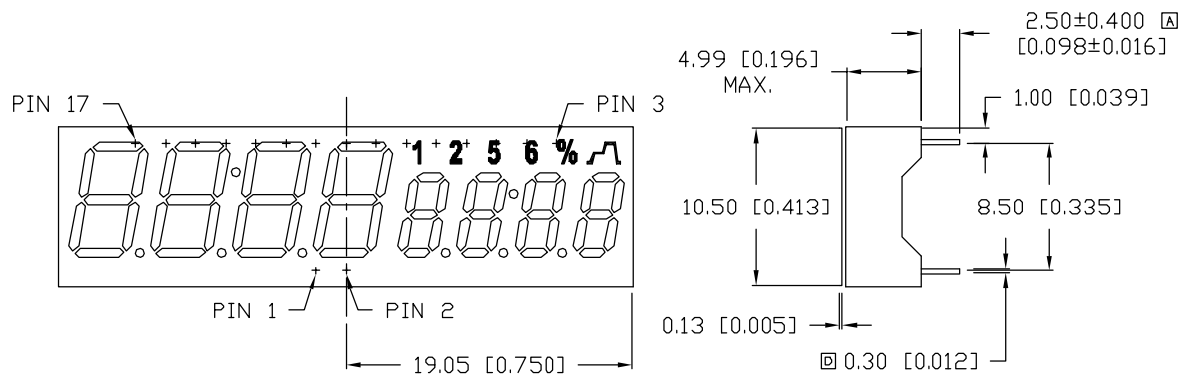


UNCONTROLLED DOCUMENT



PART NUMBER			REV.
LDQ-M32242RD-6			D
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #11345.	8.17.06	
B	E.C.N. #11371	11.29.06	
C	E.C.N. #11409.	4.19.07	
D	E.C.N. #11537.	10.08.08	

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635/565		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		3500		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	RED/GREEN				
FACE COLOR:	BLACK WITH MATTE FINISH				
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, STORAGE TEMP.		-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.		+260	$^{\circ}\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

1. DIGITS 1-4 ARE 635nm RED.
2. DIGITS 5-8 ARE 565nm GREEN.
3. WINDOWS I1-I6 ARE 635nm RED.
4. CUSTOMER PART# 0842-0332-0000
5. BLACK OVERLAY WITH MATTE FINISH.

UNCONTROLLED DOCUMENT

*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

REV.

D

PART NUMBER

LDQ-M32242RD-6

EIGHT DIGIT, SEVEN SEGMENT, CUSTOM LED DISPLAY,
635nm/565nm, BLACK FACE WITH WHITE SEGMENTS,
SINGLE ROW 0.22", 0.30", COMMON ANODE.

CONFIDENTIAL INFORMATION

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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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APPROVED BY:

DATE: 11.29.06

PAGE: 1 OF 2

SCALE: N/A

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PART NUMBER
LDQ-M32242RD-6

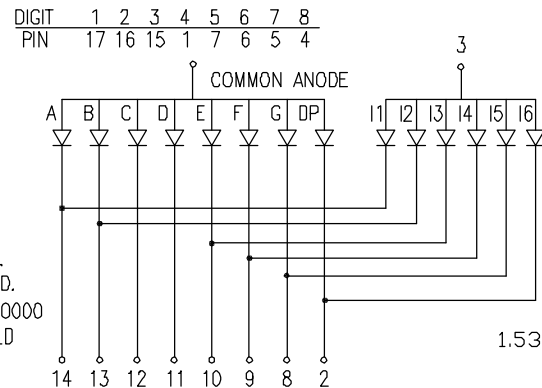
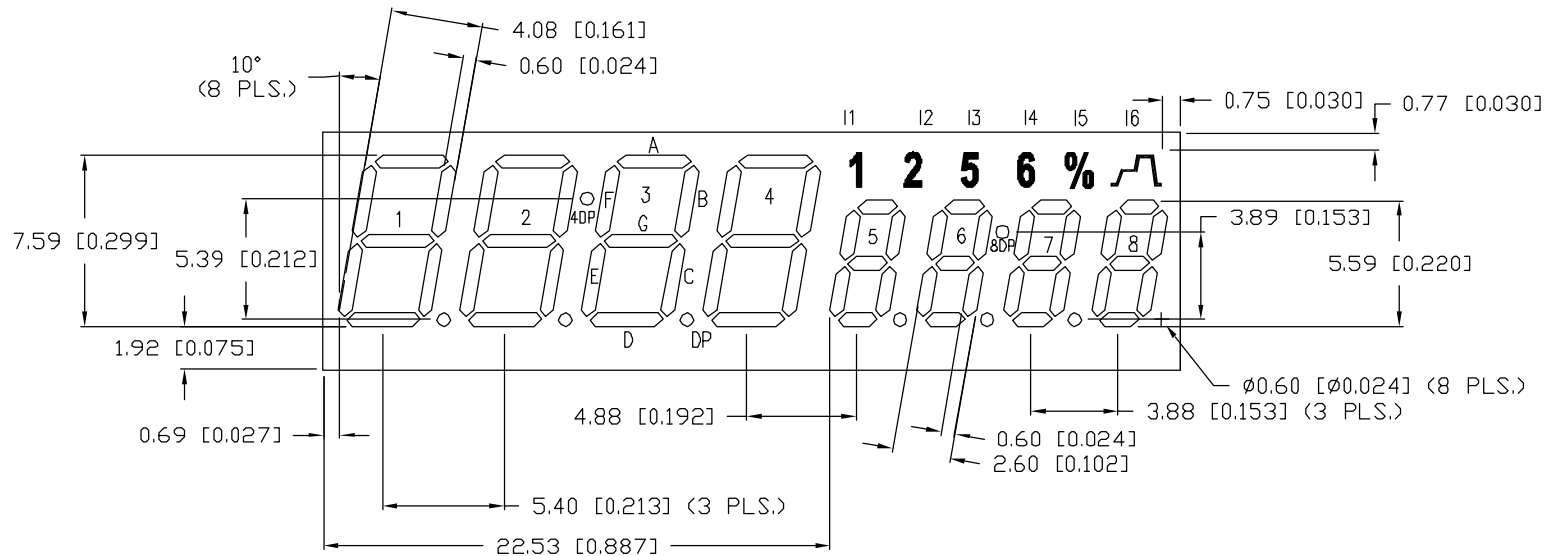
REV.

D

REV. E.C.N. NUMBER AND REVISION COMMENTS

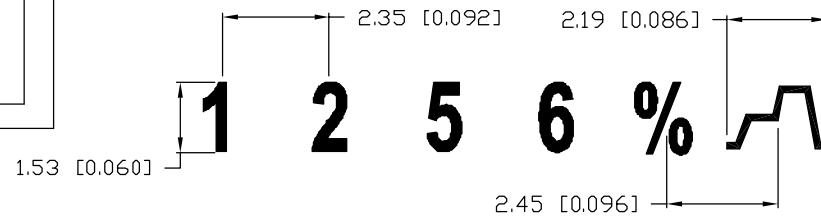
DATE

SEE PAGE 1



NOTES:

1. DIGITS 1-4 ARE 635nm RED.
2. DIGITS 5-8 ARE 565nm GREEN.
3. WINDOWS I1-I6 ARE 635nm RED.
4. CUSTOMER PART# 0842-0332-0000
5. FONT ICON OVERLAY: ARIEL BOLD
6. MATTE BLACK FINISH.



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REV.

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PART NUMBER

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