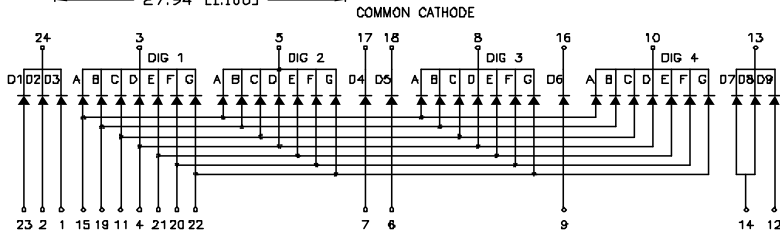
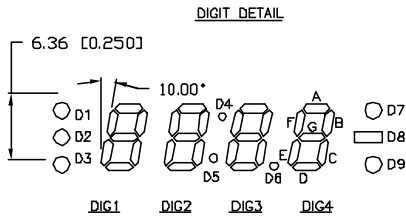
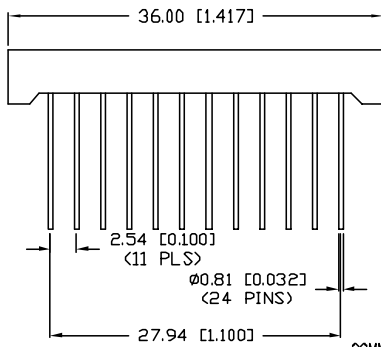
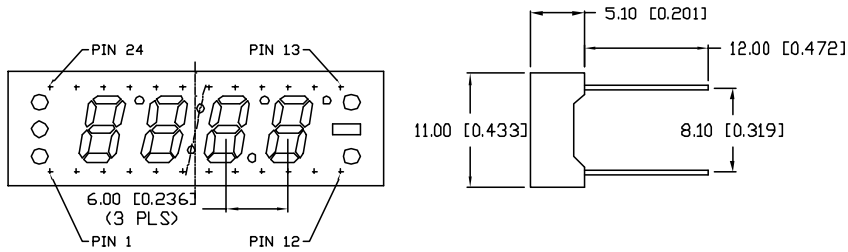


UNCONTROLLED DOCUMENT

PART NUMBER		REV.
LDC-N2504RO-12MM		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11148.	4.24.07



REPLACES PART# LDQ-C23884-12MM
REPLACES PART# LDQ-N2504RO-12MM

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	
FORWARD VOLTAGE		2.0	2.5	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				
FONT COLOR:	RED				
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	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), NN=DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
A	LDC-N2504RO-12MM
.25" QUAD DIGIT, SEVEN SEGMENT, CLOCK DISPLAY 635nm RED, MULTIPLEXED, COMMON CATHODE, FONT/SEGMENTS W/12mm LEADS.	

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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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JC			PAGE: 1 OF 1
			SCALE: N/A