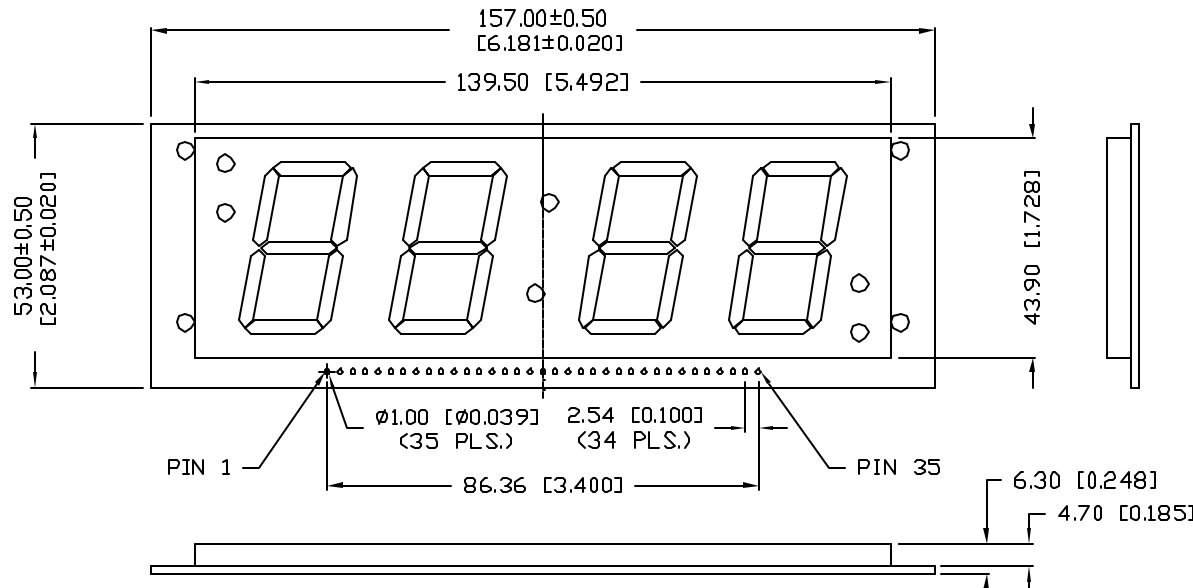
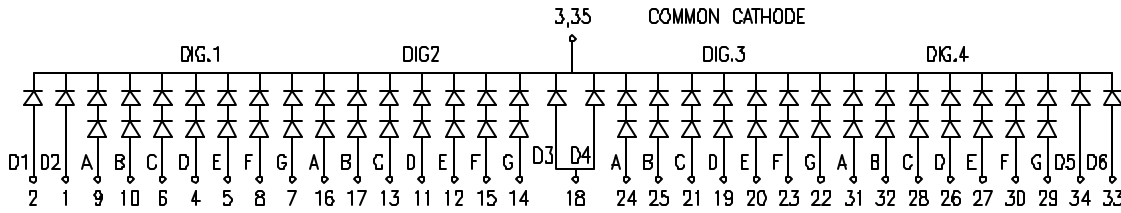
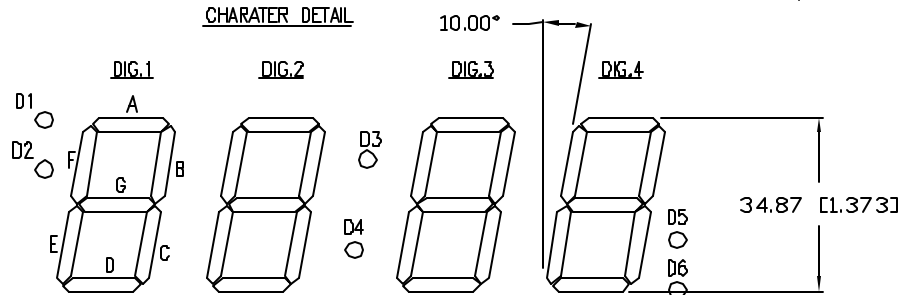


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CHARACTER DETAIL



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005).

PART NUMBER LDC-NA142G		REV. A
REV. A	E.C.N. NUMBER AND REVISION COMMENTS E.C.N. #11148.	DATE 4.23.07

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		570 (GREEN)		nm	
FORWARD VOLTAGE*		4.4/2.2	5.2/2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		4400		μcd	I _f =10mA
EMITTED COLOR:	GREEN				
FACE COLOR:	GREEN				
SEGMENT COLOR:	GREEN DIFFUSED				

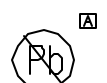
* SECOND VALUE FOR SINGLE CHIP IN DECIMAL POINTS. (D1,D2,D3,D4,D5,D6)

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
STEADY CURRENT	18	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<10μS

UNCONTROLLED DOCUMENT



REV. A	PART NUMBER LDC-NA1422G
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1.4" QUAD DIGIT, SEVEN SEGMENT, CLOCK DISPLAY,
 565nm GREEN CHIPS, GREEN FACE, AIR GAP,
 GREEN DIFFUSED SEGMENTS, COMMON CATHODE.

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.

DRAWN BY: JC	CHECKED BY:	APPROVED BY:	DATE: 8.24.99
			PAGE: 1 OF 1
			SCALE: N/A