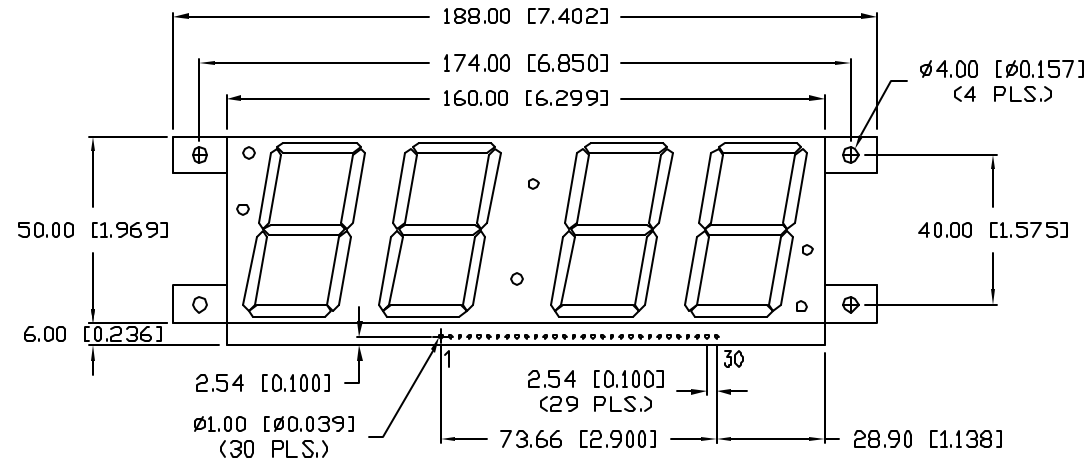
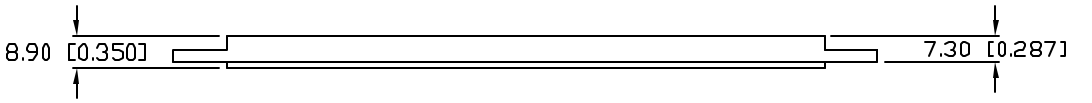
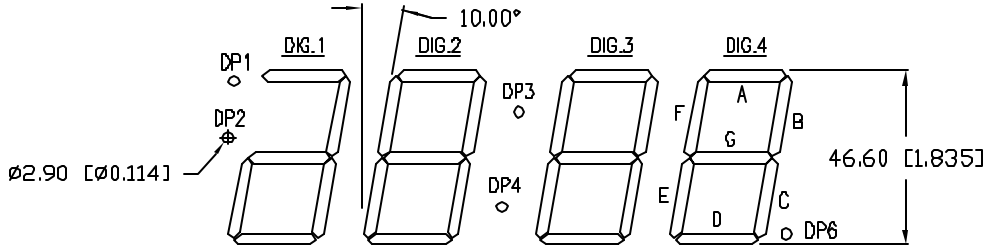
UNCONTROLLED DOCUMENT

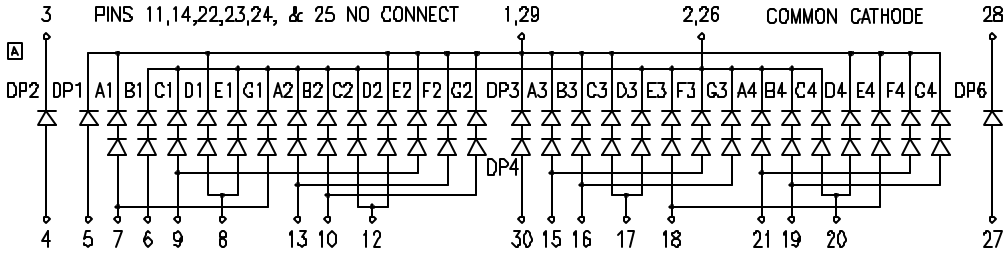
PART NUMBER	REV.
LDC-NA184R	B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10583.	1-10-00
B	E.C.N. #11148.	4.18.07









ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=10mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE *		4.0/2.0	5.0/2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100µA
AXIAL INTENSITY		4400		µcd	I_f=10mA
EMITTED COLOR:	RED				
FACE COLOR:	RED				
SEGMENT COLOR:	RED DIFFUSED				

* SECOND VALUE FOR SINGLE CHIP IN DECIMAL POINT. (DP1,DP2,DP6)

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.	-20 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS

B

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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= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

REV.	PART NUMBER
B	LDC-NA184R

1.8" QUAD DIGIT, SEVEN SEGMENT, CLOCK DISPLAY,
635nm RED CHIPS, RED FACE, AIR GAP
RED DIFFUSED SEGMENTS, MULTIPLEXED, 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.

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JC			PAGE: 1 OF 1
			SCALE: N/A