

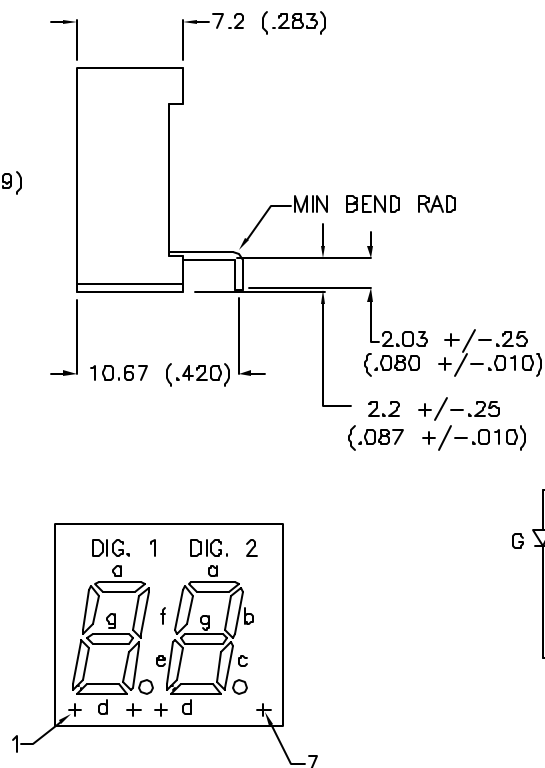
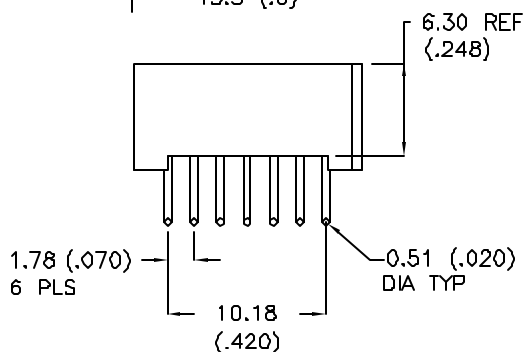
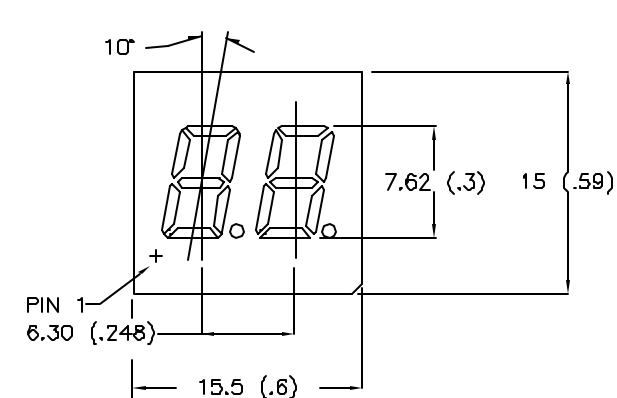
DATE

REVISIONS

REV

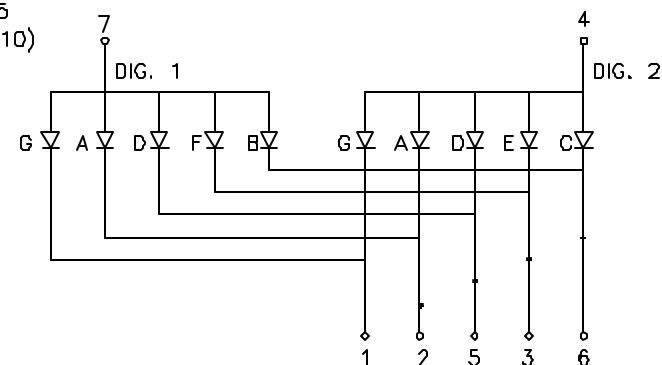
DRAWING NUMBER
LDD-E306ND-27146

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LIMITS OF SAFE OPERATION AT 25 °C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT	50	mA
AVG FORWARD CURRENT	20	mA
POWER DISSIPATION	735	mW
DERATE FROM 25 °C	-1.6	mW/°C
OPERATING/STORAGE TEMP.	-25 TO +80	°C
LEAD SOLDERING TEMP.	+230	°C
1.6mm FROM BODY	5 SEC. MAX	

ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25\text{ }^{\circ}\text{C}$ $I_f = 20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.8	2.1	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		2600		ucd	$I_f = 10\text{mA}$
VIEWING ANGLE		80		$2\times\text{theta}$	
EMITTED COLOR:	RED				
EPOXY SEGMENT:	MILKY WHITE DIFFUSED				
FONT COLOR:	BLACK				

LDDE30AD

LUMEX
OPTO COMPONENTS INC.

 292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 359-2790

DATE: 12-18-92

APPROVED BY:

DRAWN BY:

SCALE: N/A

CUSTOM DUAL DIGIT DISPLAY, 0.3" HEIGHT

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