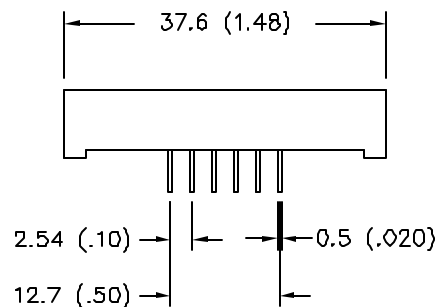
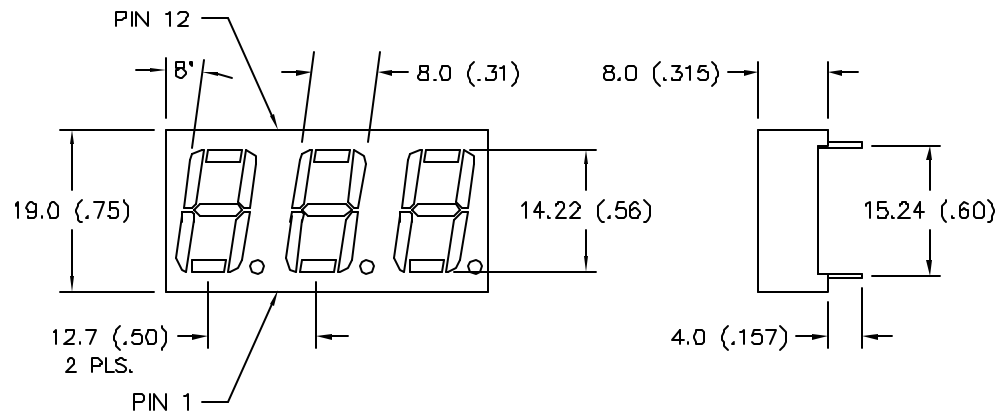
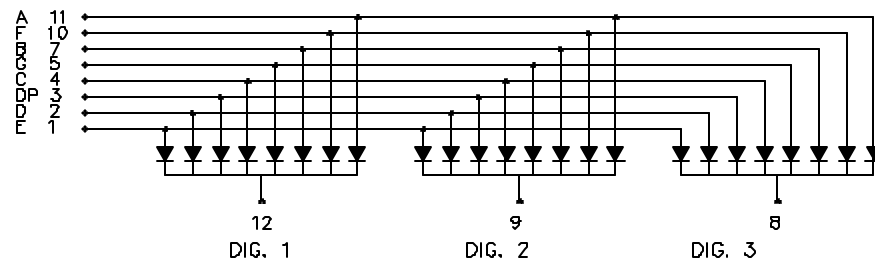
ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.4	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 100\mu\text{A}$
AXIAL INTENSITY		12,000		ucd	$I_f = 10\text{mA}$
EMITTED COLOR	RED				
EPOXY LENS FINISH	WHITE				
FONT COLOR	GRAY				

LIMITS OF SAFE OPERATION AT 25°C (PER CHIP)

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

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

COMMON CATHODE NOTE: B (NP)

LUMEX
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DATE: 2-16-96

DWN:

CHK'D:

APPD:

SCALE: N/A

 TRIPLE DIGIT SEVEN SEGMENT DISPLAY
ORANGE W/ GRAY FONT, COMMON CATHODE

PAGE 1 OF 1

 DRAWING NUMBER
LDT-N516RI

REV