

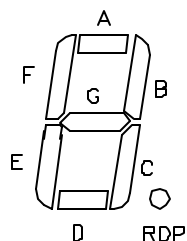
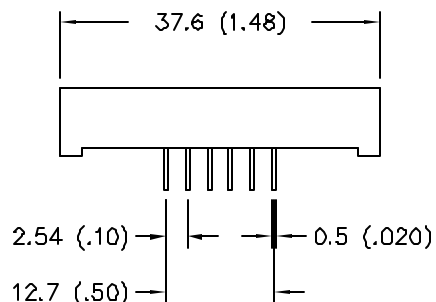
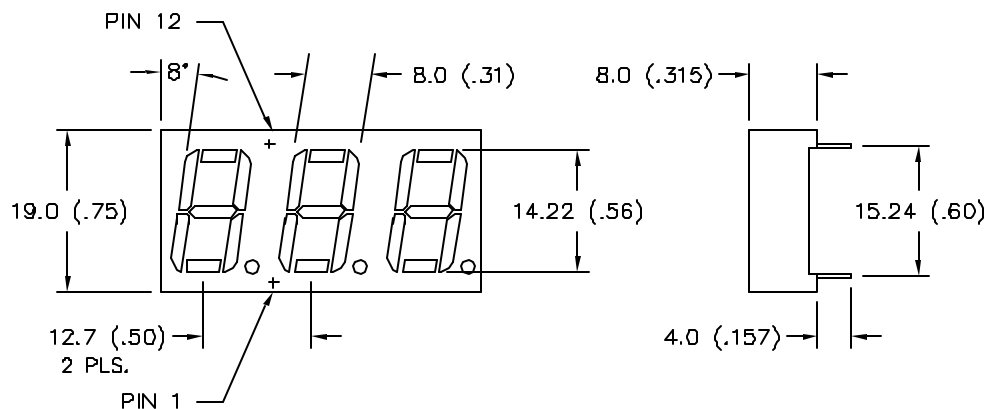
DATE

REVISIONS

REV

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LDT-M514RI

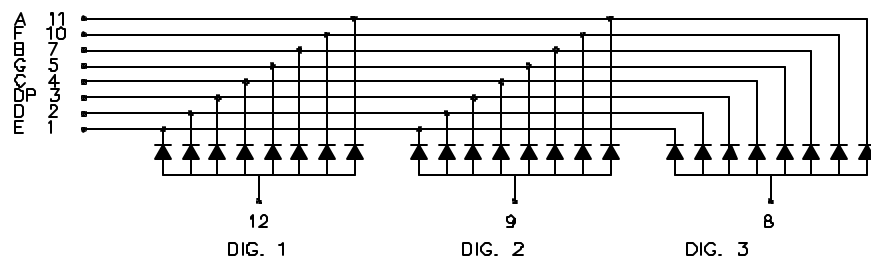
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ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY		1400		ucd	$I_f=10\text{mA}$
EMITTED COLOR:	RED				
EPOXY SEGMENT:	WHITE				
FONT COLOR:	GRAY				

LIMITS OF SAFE OPERATION PER SEGMENT AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	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 ANODE NOTE: 0 (NP)

LUMEX
OPTO COMPONENTS INC.

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

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DATE: 4-9-96

DWN:

CHK'D:

APPD:

SCALE: N/A

 TRIPLE DIGIT SEVEN SEGMENT DISPLAY
RED, COMMON ANODE

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