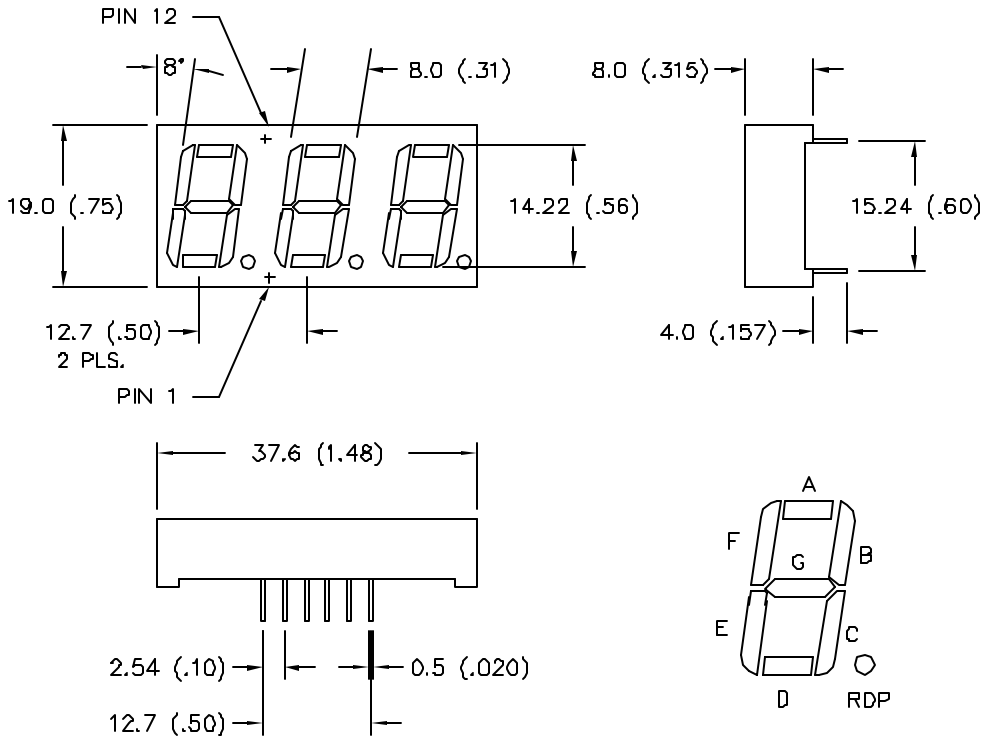
DATE	REVISIONS	REV

DRAWING NUMBER	REV
LDT–M514RI	



ELECTRO–OPTICAL CHARACTERISTICS T_A=25 °C I_f=20mA

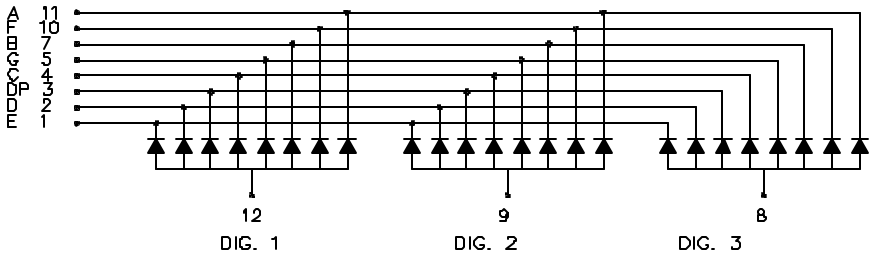
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
FORWARD VOLTAGE		2.0	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100uA
AXIAL INTENSITY		1400		ucd	I_f=10mA

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/°C
OPERATING, STORAGE TEMP.	–40 TO +85	°C
LEAD SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

*t<10uS



COMMON ANODE NOTE: 6 (NP)

LUMEX OPTO COMPONENTS INC.
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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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	LDT–M514RI	

MS/00