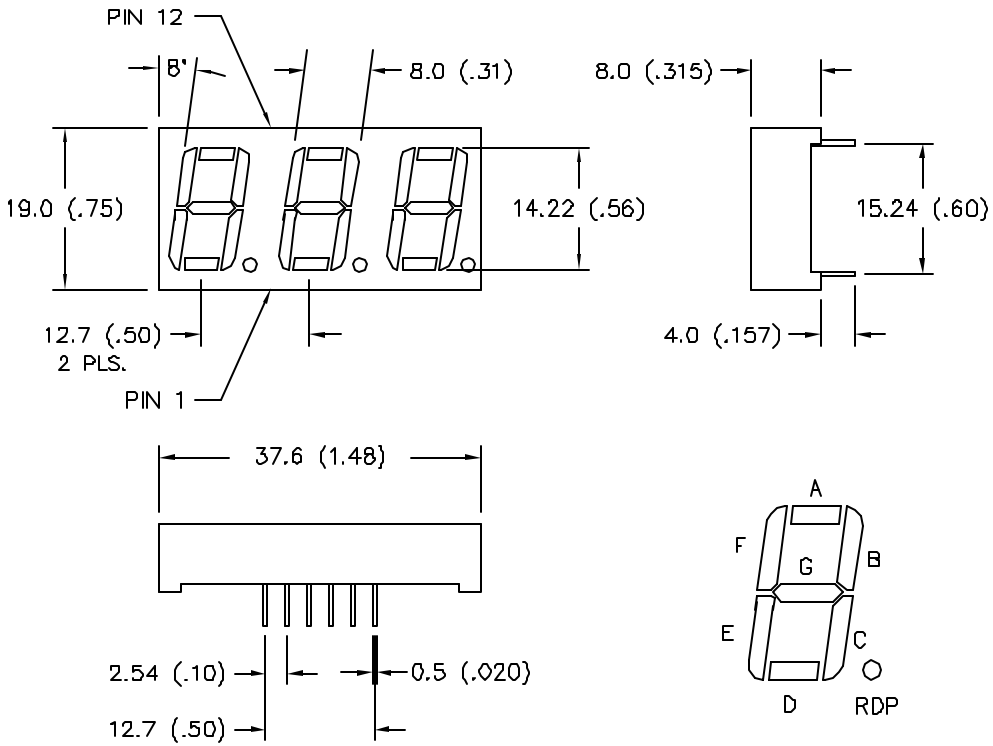
DATE	REVISIONS	REV

DRAWING NUMBER
LDT–N516RI

REV



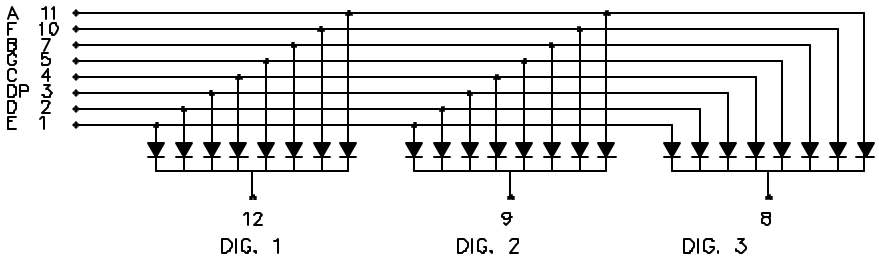
ELECTRO–OPTICAL CHARACTERISTICS T_A =25°C I_f =20mA

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=100uA
AXIAL INTENSITY		12,000		ucd	I_f =10mA
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	mW/°C
OPERATING, STORAGE TEMP	–40 TO +85	°C
LEAD SOLDERING TEMP	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10uS



COMMON CATHODE NOTE: 6 (NP)

LUMEX OPTO COMPONENTS INC.
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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

DRAWING NUMBER
LDT–N516RI

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NB/DG