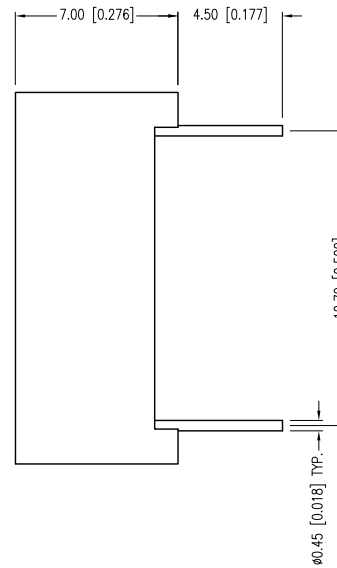
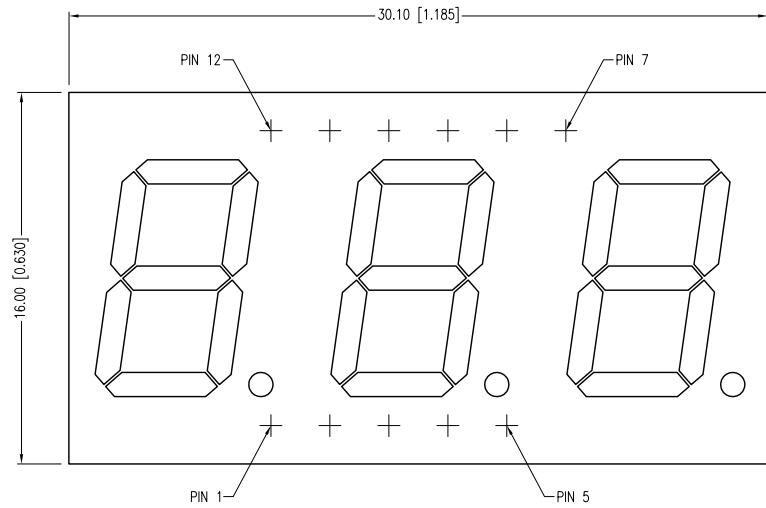


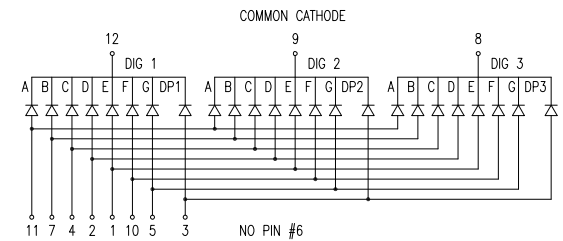
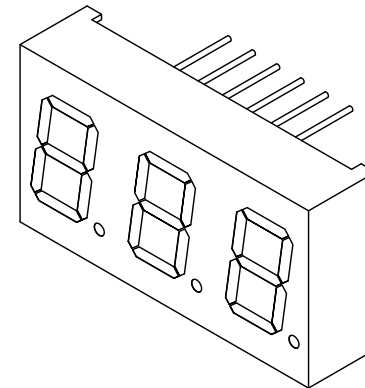
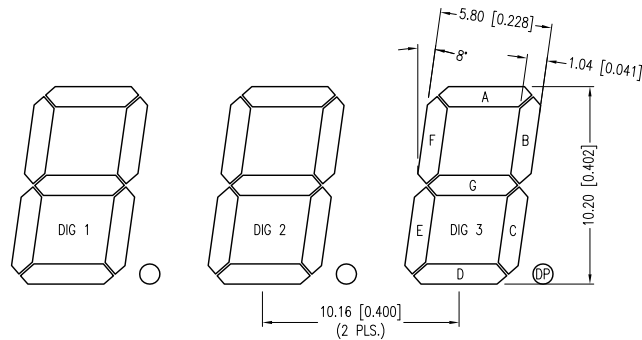
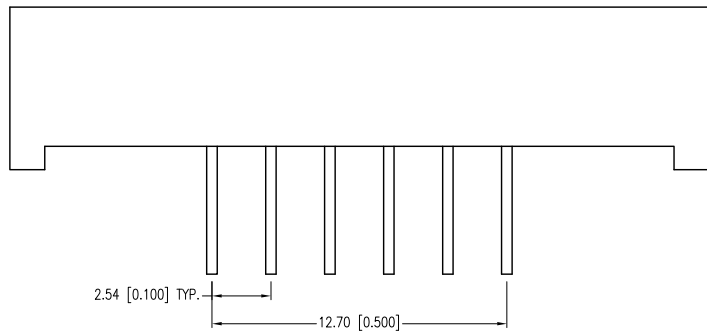
PART NUMBER	LDT-N4004RI-SI	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.31.12	E.C.N. #10BRDR. & REDRAWN.		A

ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=10\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100 μ A
AXIAL INTENSITY		13,000		μcd	I _f =10mA
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

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 TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

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

 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP	QUASARBRITE 0.40" 3 DIGIT 7 SGM T DISPLAY, 636nm RED, COMMON CATHODE, MULTIPLEXED.		DATE: 07.31.12	DRAWN BY: AB
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.		PAGE: 1 OF 1	CHKD BY: SS
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			UNIT: mm [INCH]	Ⓢ