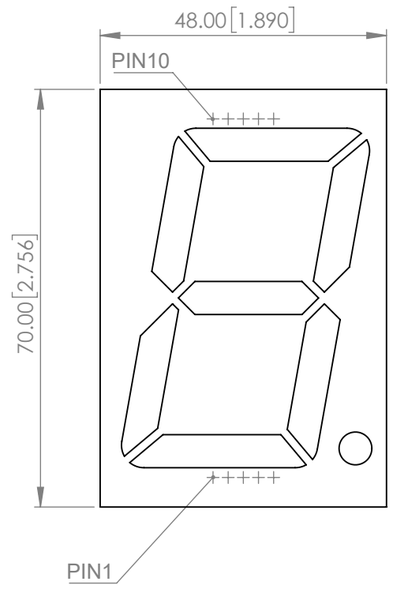
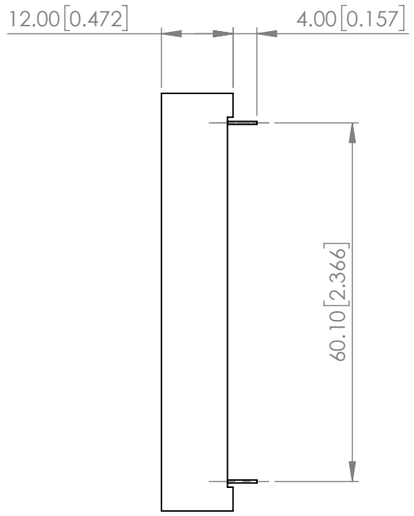
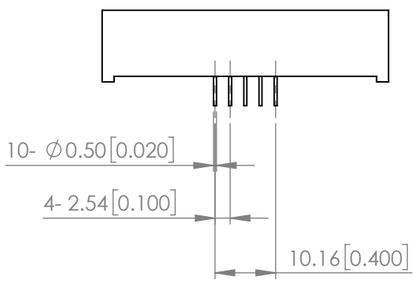
PART NUMBER	LDT-M8004RI-SI	REV	B

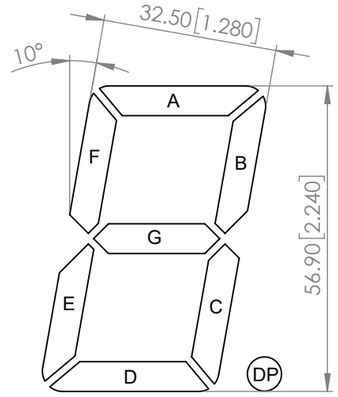
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR. & REDRAWN.	04.03.12
B	ECN-Lumex201900096	07.08.19





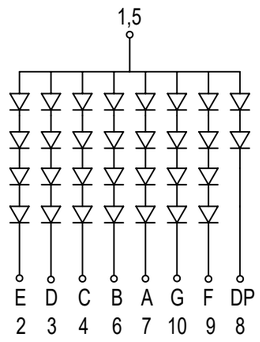
DIGIT DETAIL





CIRCUIT DIAGRAM

COMMON ANODE



ELECTRO-OPTICAL CHARACTERISTIC TA=25℃ PER SEGMENT

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	660	-	nm	If=10mA
FORWARD VOLTAGE	-	6.8	8.8	Vf	If=10mA
REVERSE CURRENT	-	-	100	uA	V_R=5V
LUMINOUS INTENSITY	-	22500	-	ucd	If=10mA
EMITTED COLOR	RED				
FONT COLOR	GRAY				
SEGMENT COLOR	MILKY WHITE DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25℃ PER SEGMENT

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
REVERSE VOLTAGE	5	V
STORAGE TEMPERATURE	-40 TO +85	℃
OPERATING TEMPERATURE	-40 TO +85	℃
SOLDERING TEMPERATURE**	3 SEC MAX. @ 260	℃

*** t<10us**

**** AT 2mm DISTANCE FROM THE CASE OF REFLECTOR EDGE.**

STATIC DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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2.3" SEVEN SEGMENT, LED DISPLAY, 660nm RED CHIPS, GARY FACE WITH WHITE DIFFUSED SEGMENTS, COMMON ANODE.

****THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.****

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DATE : 2019.07.08	DRAWN BY : C.S.
PAGE : 1 OF 1	CHKD BY : E.C.
SCALE : NTF	APRVD BY : G.Y.
UNIT : mm [INCH]	Pb