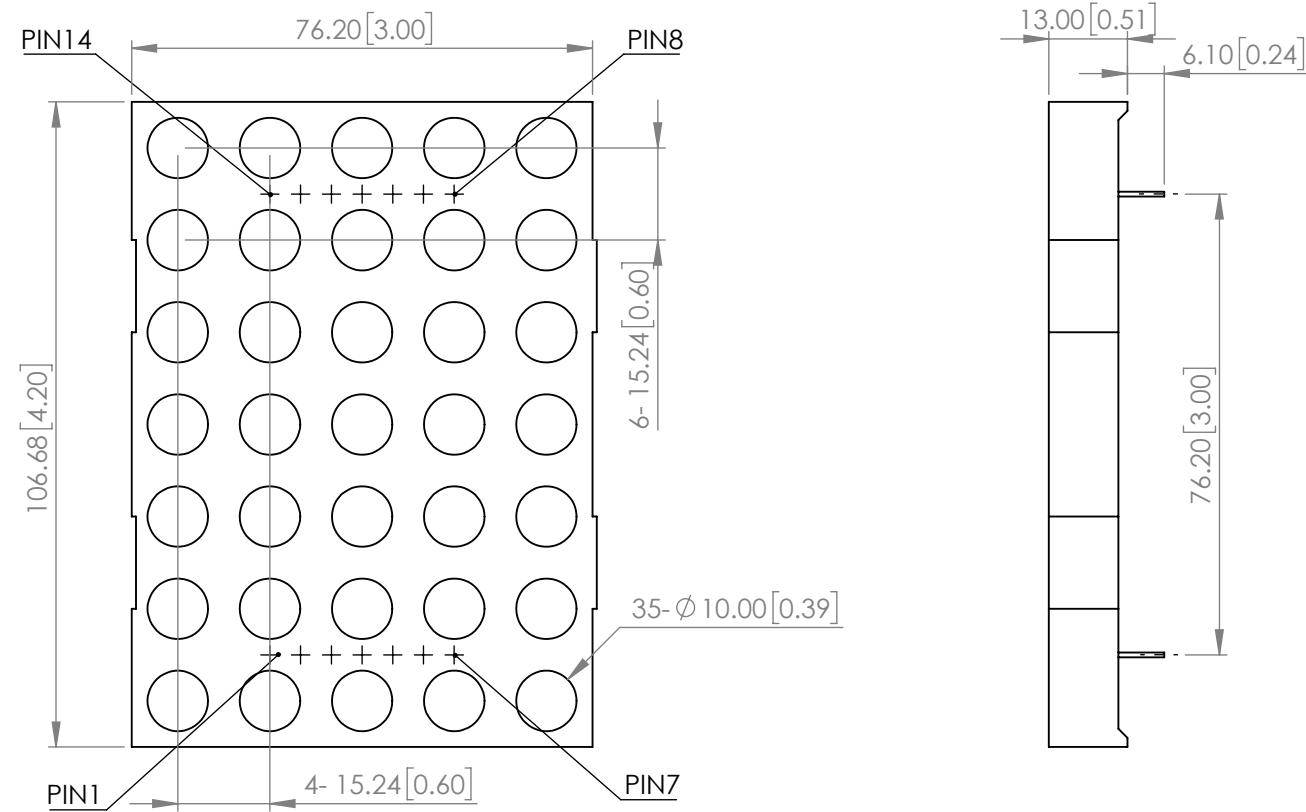
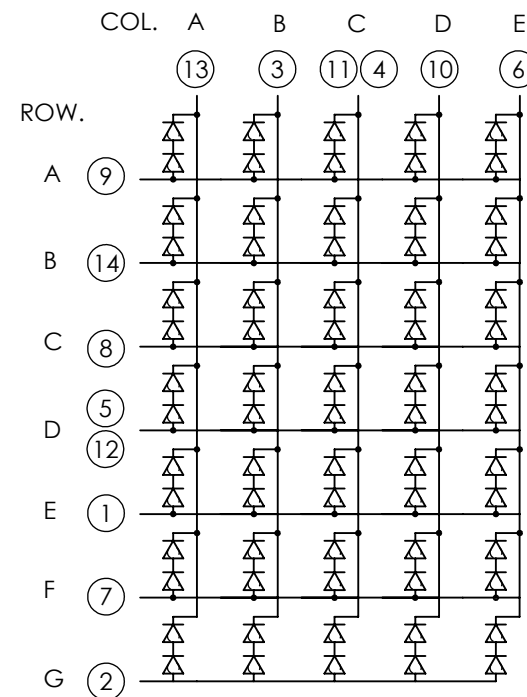
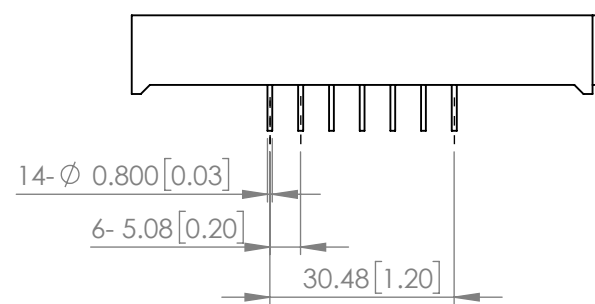


PART NUMBER		LDM-42257NI	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202300059			05.10.23



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C PER DOT

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	570	-	nm	If=20mA
FORWARD VOLTAGE	-	4.4	5.0	Vf	If=20mA
REVERSE CURRENT	-	-	20	uA	VR=10V
LUMINOUS INTENSITY	-	4000	-	ucd	If=10mA
EMITTED COLOR	GREEN				
FACE COLOR	GRAY				
SEGMENT COLOR	MILKY WHITE DIFFUSED				




ABSOLUTE MAXIMUM RATINGS TA=25°C PER SEGMENT

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
FORWARD CURRENT	20	mA
REVERSE VOLTAGE	10	V
POWER DISSIPATION	100	mW
STORAGE TEMPERATURE	-30 to +85	°C
OPERATING TEMPERATURE	-25 to +85	°C
SOLDERING TEMPERATURE**	3 SEC MAX. @260	°C

*DUTY 1/10 @10KHz

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

*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= ^{+DECIMAL PRECISION}/_{-0.00} MAX= ^{+0.00}/_{-DECIMAL PRECISION}

 <p>425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM</p>	4.2" 5x7 DOT MATRIX LED DISPLAY, COLUMN CATHODE, 570nm GREEN, GRAY FACE WITH MILKY WHITE DOTS.		DATE : 2023.05.10	DRAWN BY : E.C.
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.		PAGE : 1 OF 1	CHKD BY : T.S.
	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		SCALE : NTF	APRVD BY : G.Y.
			UNIT : mm [INCH]	