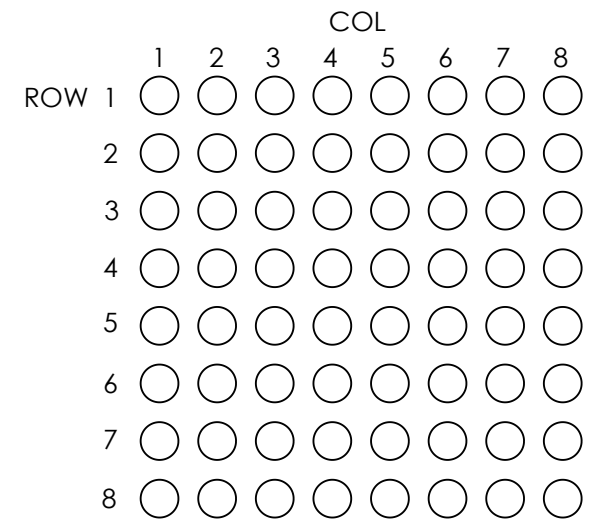
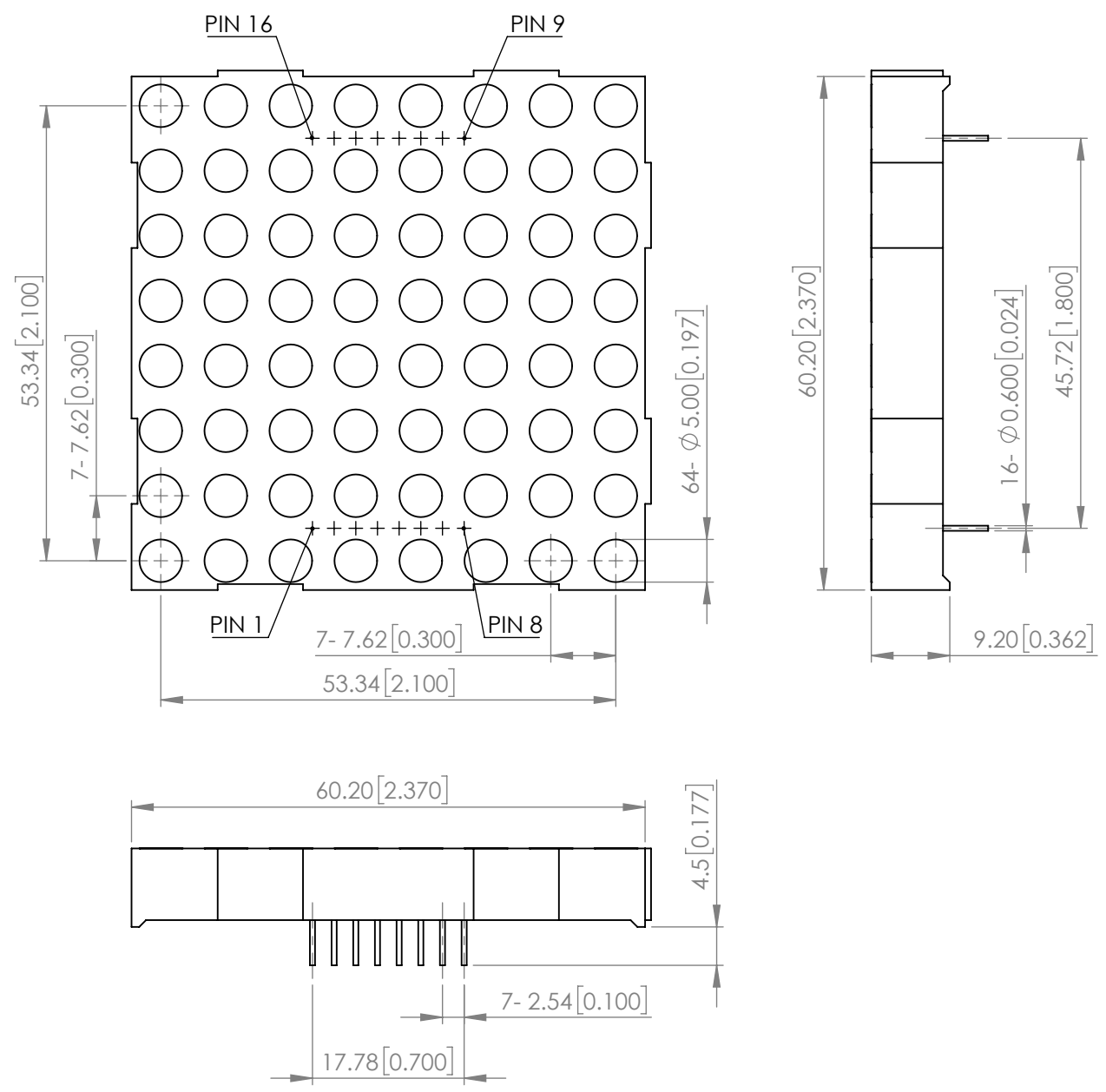
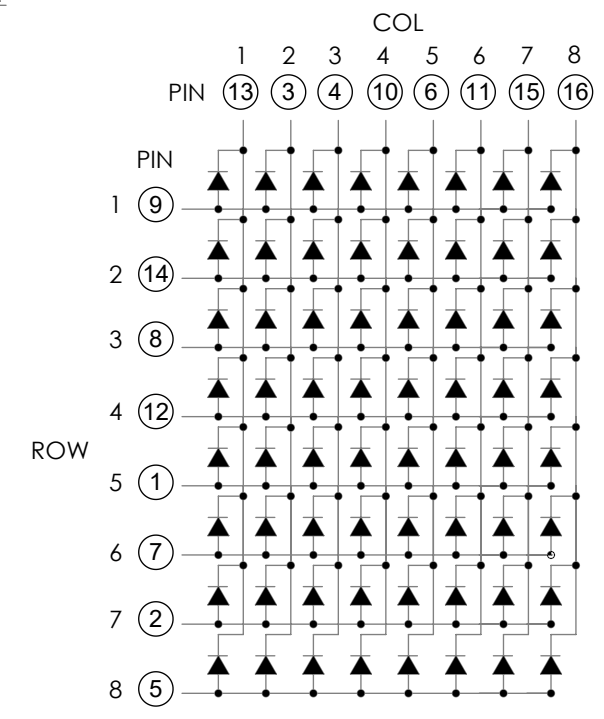


PART NUMBER		LDM-24488NI	REV	C
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10BRDR.			07.21.99
B	E.C.N. #10BRDR. & REDRAWN IN 3D			07.05.03
C	ECN-Lumex201800123			07.12.18



**CIRCUIT DIAGRAM**



**ELECTRO-OPTICAL CHARACTERISTIC TA=25°C PER DOT**

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	635	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.5	Vf	If=20mA
REVERSE CURRENT	-	-	100	uA	VR=5V
LUMINOUS INTENSITY	-	2.0	-	mcd	IFP=40mA 1/8 DUTY
EMITTED COLOR	RED				
FONT COLOR	GRAY				
SEGMENT COLOR	MILKY WHITE DIFFUSED				

**ABSOLUTE MAXIMUM RATINGS TA=25°C PER DOT**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	25	mA
POWER DISSIPATION	62.5	mW
REVERSE VOLTAGE	5	V
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC MAX. @ 260	°C

\*  $t < 10\mu s$   
 \*\* 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= <sup>+DECIMAL PRECISION</sup>/<sub>-0.00</sub> MAX= <sup>+0.00</sup>/<sub>-DECIMAL PRECISION</sub>