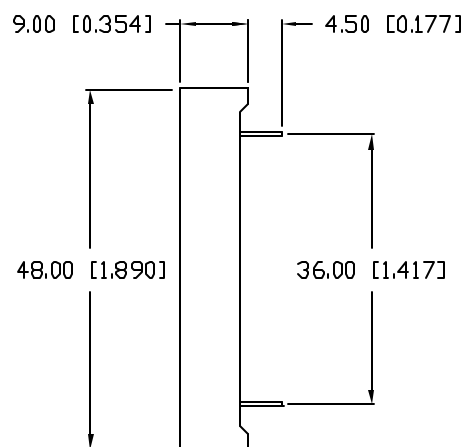
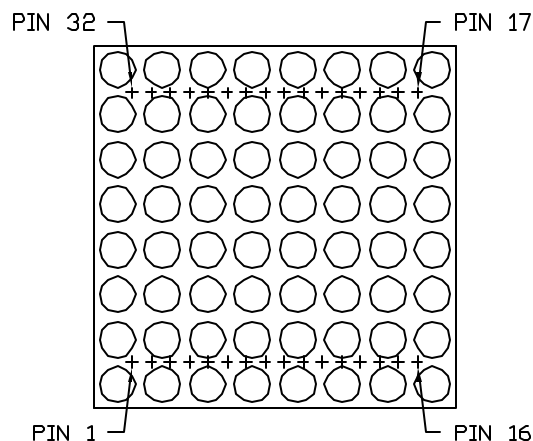
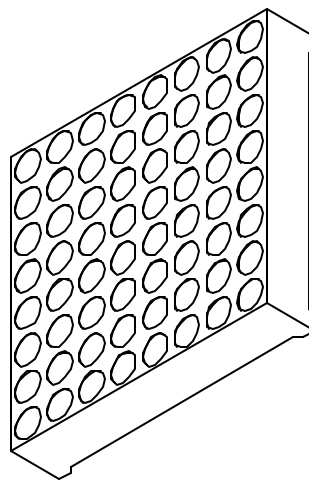
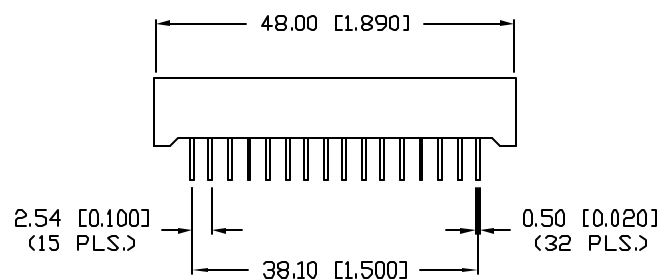


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$

PARAMETER	GREEN	RED	BLUE	UNITS	TEST COND
PEAK WAVELENGTH	565	635	470	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	3.5	V_f	
FORWARD VOLTAGE (MAX.)	2.6	2.5	4.0	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	2500	2000	8000	μcd	$I_f=10\text{mA}$
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DOT

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/R/B)	25/30/25	mA
POWER DISSIPATION	(G/R/B)	105/105/120	mW
DERATE FROM 25°C		-1.6	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= ± 1 (± 0.039), XX= ± 0.5 (± 0.020), XXX= ± 0.25 (± 0.010), XXXX= ± 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

REV.

PART NUMBER

LDM-1924788NI-IGUB

1.9" SQUARE, 8 x 8 DOT MATRIX, LED DISPLAY,
FULL COLOR, GRAY FACE WITH WHITE DOTS,
COLUMN CATHODE, 32 PINS.

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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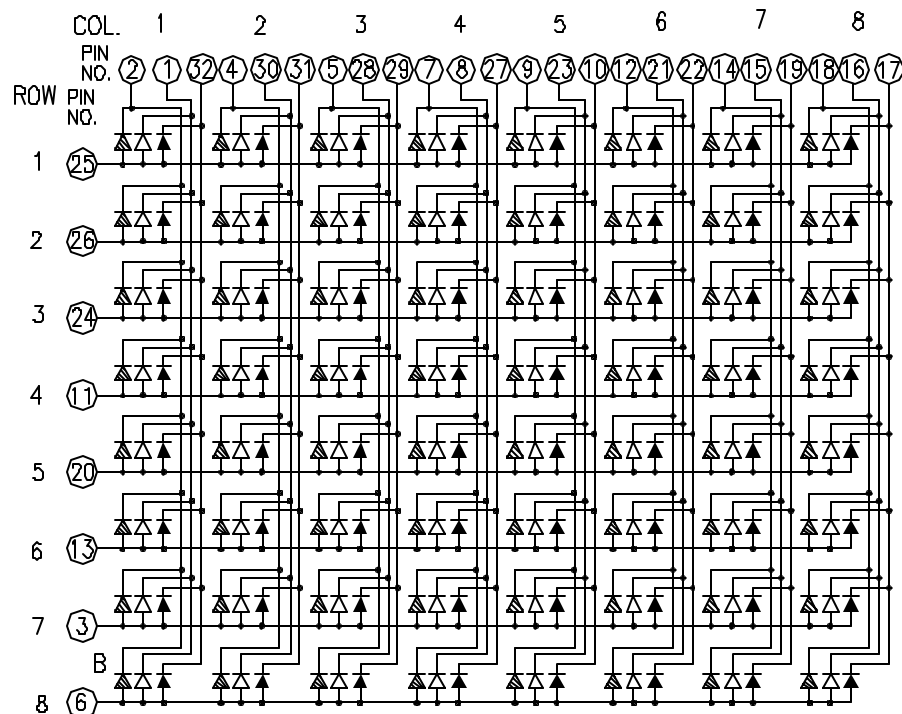
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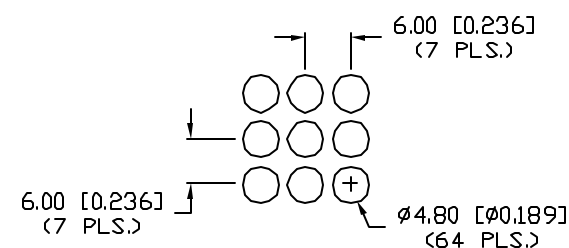
DATE: 8.11.03

PAGE: 1 OF 2

SCALE: N/A



MATRIX DETAIL



→ = ORANGE

→ = GREEN

→ = BLUE

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