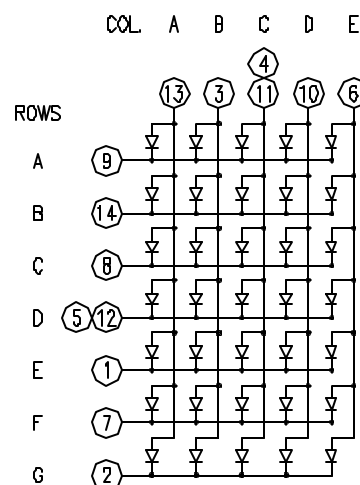
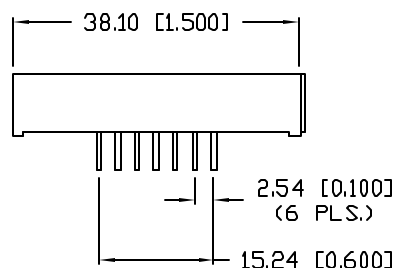
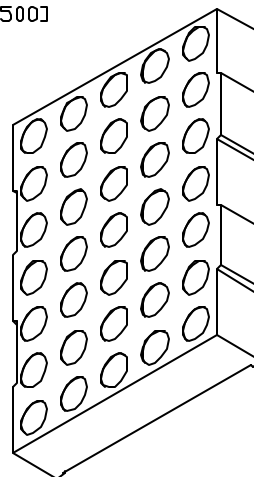
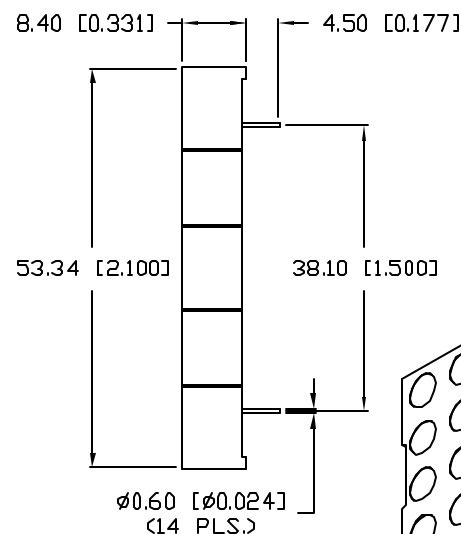
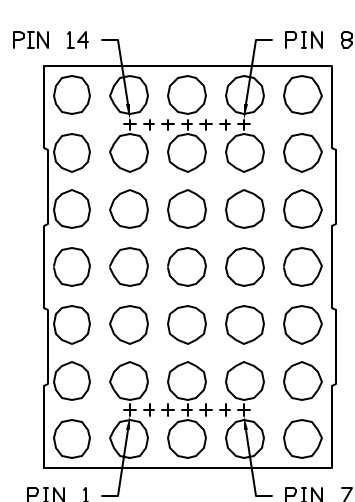
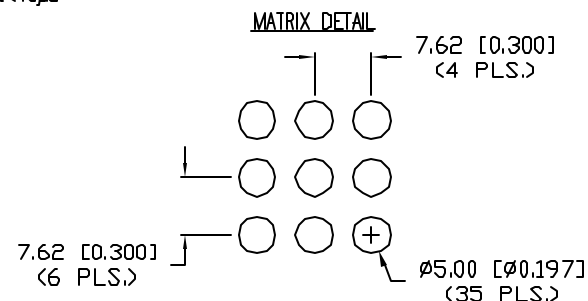




ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$			$I_f=10\text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		620		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_R	$I_R=100\mu\text{A}$
AXIAL INTENSITY		15000		μcd	$I_f=10\text{mA}$
EMITTED COLOR:	ORANGE				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DOT		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.8	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	°C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY		3 SEC. MAX

* $t < 10 \mu s$



*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.=+0.00 [±0.000] DECIMAL PRECISION MAX.=+0.00 [±0.000] DECIMAL PRECISION

REV.

PART NUMBER
LDM-21857M-SO

2.10" 5 x 7 DOT MATRIX, LED DISPLAY,
620nm ORANGE CHIPS, GRAY FACE WITH WHITE SEGMENTS,
COLUMN ANODE, 14 PINS.

CONFIDENTIAL INFORMATION

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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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BC

PAGE: 1 OF 1

SCALE: N/A
