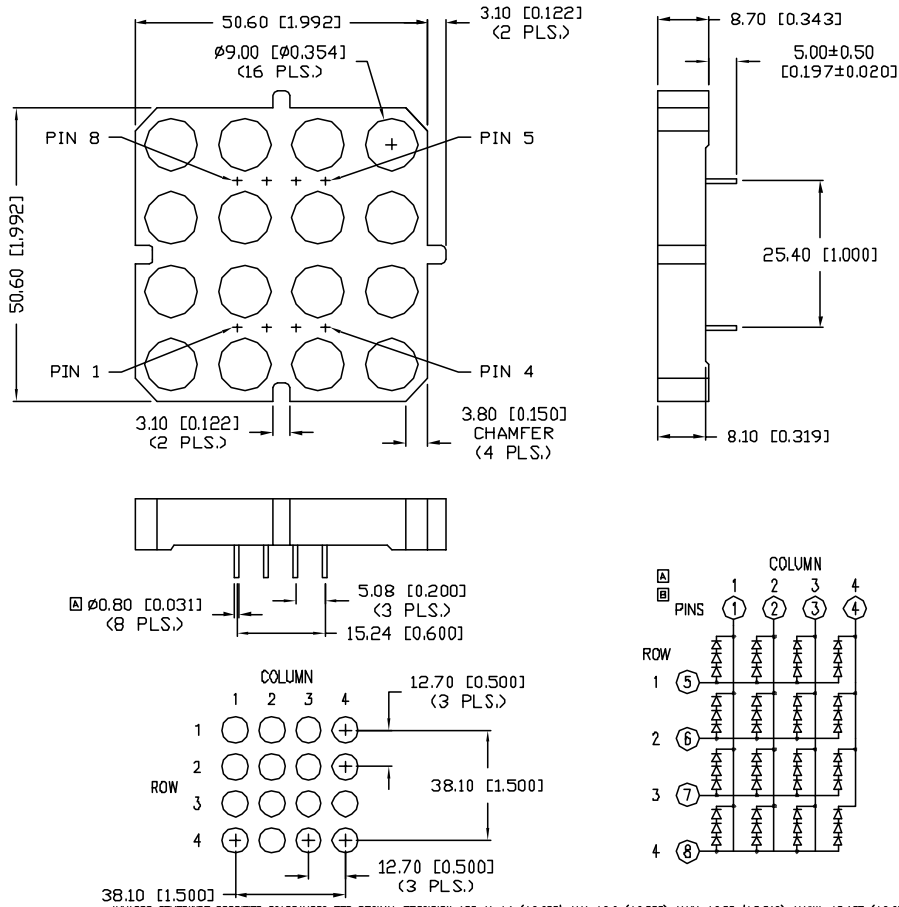


UNCONTROLLED DOCUMENT



PART NUMBER		REV.
LDM-21644ND		B
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11469.	01.16.08
B	E.C.N. #11475.	02.18.08

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		RED(660)		nm	
FORWARD VOLTAGE *		5.7	6.2	V_f	
REVERSE VOLTAGE	8.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		90		mcad	$I_f=20\text{mA}$
EMITTED COLOR:	RED				
FACE COLOR:	BLACK				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-20 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

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

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
B	LDM-21644ND
2.0" SQUARE 4x4 DOT MATRIX, 660nm SUPER RED CHIPS, BLACK FACE, MILKY WHITE SEGMENTS, COLUMN CATHODE.	

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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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			SCALE: N/A