UNCONTROLLED DOCUMENT

1.00 [0.039] MAX.

18.00 [0.709]

4.80 [0.189]

REV.

PART NUMBER

LDP-M5906ND

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C

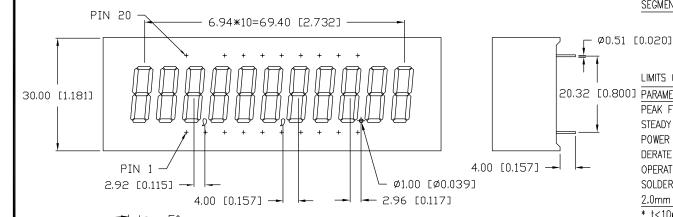
 $I_f = 10 \text{mA}$

REV.

PARAMETER TYP MAX MIN UNITS TEST COND PEAK WAVELENGTH 660 nm FORWARD VOLTAGE 1.9 ٧f REVERSE VOLTAGE Ir=100µA 4.0 ٧r AXIAL INTENSITY 6000 $l_f = 10mA$ ucd

EMITTED COLOR: RED FACE COLOR: BI ACK

SEGMENT COLOR: MILKY WHITE DIFFUSED



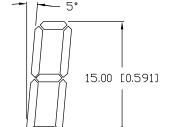
- 5.08*9=45.72 [1.800] -|

90.00 [3.543]

LIMITS OF SAFE OPERATION AT 25'C PER SEGMENT

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	90	mA
STEADY CURRENT	20	mA
POWER DISSIPATION	45	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	*C
SOLDERING TEMP.	+ 260	. C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS



*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 MAX.=+0.00 PRECISIO

- 5.08 [0.200]

- 1.00 [0.039]

1.00 [0.039]

17.00 [0.669]

1.00 [0.039]

MAX.

290 E, HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790

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DRAWN BY: JN

CHECKED BY:

APPROVED BY: DATE: 07.25.08 PAGE: 1 OF 2

N/A

SCALE:

0.59" 11 DIGIT SEVEN SEGMENT LED DISPLAY 660nm RED CHIPS, BLACK FACE WITH WHITE SEGMENTS, COMMON ANODE, 19 PINS, MULTIPLEXED.

- 1.00 [0.039]

PART NUMBER

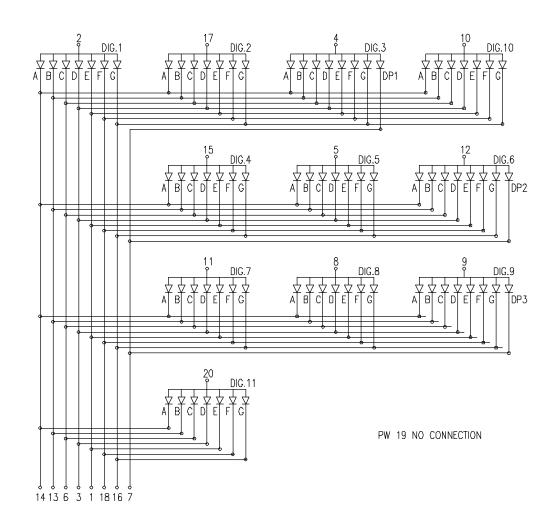
LDP-M5906ND

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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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REV.

PART NUMBER LDP-M5906ND

0.59" 11 DIGIT SEVEN SEGMENT LED DISPLAY, 660nm RED CHIPS, BLACK FACE WITH WHITE SEGMENTS, COMMON ANODE, 19 PINS, MULTIPLEXED.

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CHECKED BY: APPROVED BY: DATE: 07.25.08

PAGE: 2 OF 2 SCALE: N/A

JN