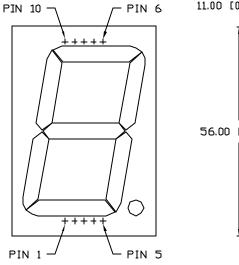
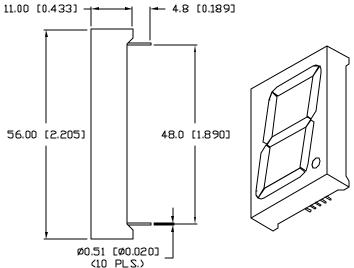
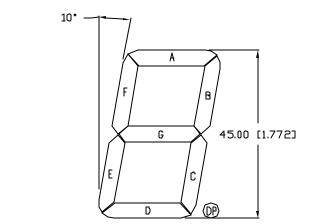
## LDS-AA182RI



- 38.00 [1.496] —







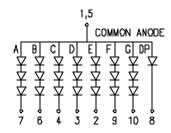
ELECTRO—OPTICAL CHARACTERISTICS TA=25°C If=10mA					
PARAMETER	MIN	ΤΥP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE*		6.6	7,5	$V_{f}$	
reverse voltage	5.0			٧r	Ir=100μΑ
axial intensity		7000		μcd	I <sub>f</sub> =10mA
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY V	WHITE DIFFUSEI	)		

<sup>\*</sup> SECOND VALUE FOR SINGLE CHIP IN DECIMAL POINT.

## LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	80	mA
STEADY CURRENT	25	m <b>A</b>
POWER DISSIPATION	190	mW
DERATE FROM 25°C	<b>- 1.2</b>	mW/℃
OPERATING, STORAGE TEMP.	- 40 TO + B5	.c
SOLDERING TEMP.	+ 260	<b>·</b> C
2.0mm FROM BODY		3 SEC. MAX

<sup>\*</sup> t<10µS



## *UNCONTROLLED DOC*

\*UNLESS OTHERWISE SPECIFED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XXX=±0.5 (±0.020), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). NN=+DECIMAL PRECISION MAX.=+0.00 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). NN=+DECIMAL PRECISION MAX.=+0.00 (±0.005).

REV.

PART NUMBER LDS-AA182RI

2.54 [0.100]

(4 PLS.)

- 10.16 [0.400]

1.8" SINGLE DIGIT, SEVEN SEGMENT, LED DISPLAY, 565nm GREEN CHIPS, GRAY FACE WITH WHITE SEGMENTS. COMMON ANODE, RIGHT DECIMAL PLACE.

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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.



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw

DRAWN BY:

CT

CHECKED BY: APPROVED BY: DATE: 4.18.02 PAGE: 1 OF 1

SCALE: N/A

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