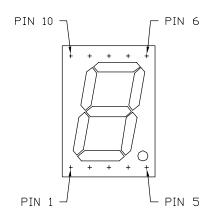
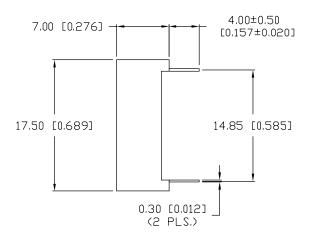
## LDS-A5202RI





ELECTRO-OPTICAL CH	HARACTERIS	STICS TA=25°	C	$I_f = 10 \text{mA}$	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			٧٢	I <sub>Γ</sub> =100μΑ
AXIAL INTENSITY		3000		μcd	$I_f = 10mA$
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

MAX

100

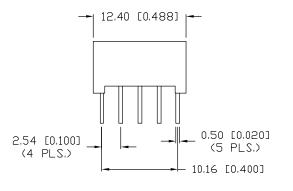
25

112

0.33

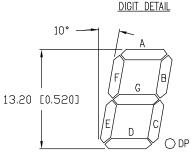
-25 TO + 85

+ 260



3.8

 $\dot{\Box}$  $\Diamond$ 



FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

CAUTION: STATIC SENSITIVE DEVICE

\*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 -DECIMAL PRECISION

REV.

PART NUMBER LDS-A5202RI

COMMON ANODE

0.52" SINGLE DIGIT, SEVEN SEGMENT DISPLAY. 565nm GREEN, GRAY FACE, MILKY WHITE SEGMENTS, COMMON ANODE.

CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF

LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

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.



LIMITS OF SAFE OPERATION AT 25'C PER DIE

\* 1/10 DUTY CYCLE. 0.1ms PULSE WIDTH.

PARAMETER

STEADY CURRENT

POWER DISSIPATION

DERATE FROM 25°C

SOLDERING TEMP.

2.0mm FROM BODY

PEAK FORWARD CURRENT\*

OPERATING, STORAGE TEMP.

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

CHECKED BY: DRAWN BY:

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APPROVED BY:

DATE: 2.24.03 PAGE: 1 OF 1 SCALE: N/A

UNITS

mΑ

mΑ

mW

mA/°C

°C

•C

3 SEC. MAX