UNCONTROLLED DOCUMENT

12.60 [0.496]

0.51 [0.020]

(5 PLS.)

PIN 10 -

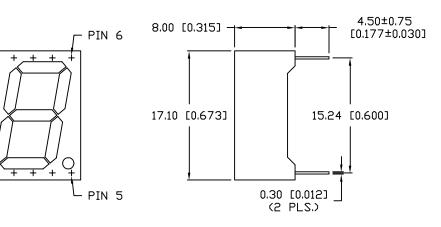
PIN 1

2.54 [0.100]

(4 PLS.)

10.16 [0.400] -

-



10.00* -

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.3	٧f	
REVERSE VOLTAGE	4.0			٧r	lr=100µA
AXIAL INTENSITY		13000		μcd	lf=10mA
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY	WHITE DIFFUSE	D		

lf=10mA

PART NUMBER

LDS-A5646RI

E.C.N. NUMBER AND REVISION COMMENTS

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	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<10uS		

* t<10µS

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REV.

3,8 COMMON ANODE A B C D E F G DP Y Y Y Y Y Y 7 6 4 2 1 9 10 5

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*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV.	part number LDS—A5646RI	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WITING BY LUMEX INC. THE HOLDER OF THIS DOCUMENT SHALL REP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR UN DIST FORM DECOLORER AND DESCRIMINATION OF ALL TURING PARTIES	LUA INCORPO	RATED	290 E. HELLE PALATINE, ILLIN PHONE: 1–84 WEB: HTTP://	NOIS 60067
6	0.56" SEVEN SEGMENT, SINGLE DIGIT DISPLAY, 60nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON ANODE, RIGHT DECIMAL POINT.	In part from disclosure and dissemination to all third parties. <u>Reliability note</u> 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.	DRAWN BY: BC	CHECKED BY:		DATE: 4–19–99 PAGE: 1 OF 1 SCALE: N/A

DP

14.20 [0.559]

CHARACTER DETAIL

G

REV.

DATE

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