LX	PART NUMBER	REV.
	LDS-A5646RI	

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE

PIN 10 — PIN 6

PIN 1 — PIN 5

8.00 [0.315]

4.50±0.75 [0.177±0.030]

17.10 [0.673]

15.24 [0.600]

0.30 [0.012] (2 PLS.)

12.60 [0.496]

2.54 [0.100] (4 PLS.)

0.51 [0.020] (5 PLS.)

10.16 [0.400]

CHARACTER DETAIL

10.00°

14.20 [0.559]

A F B G E C D DP
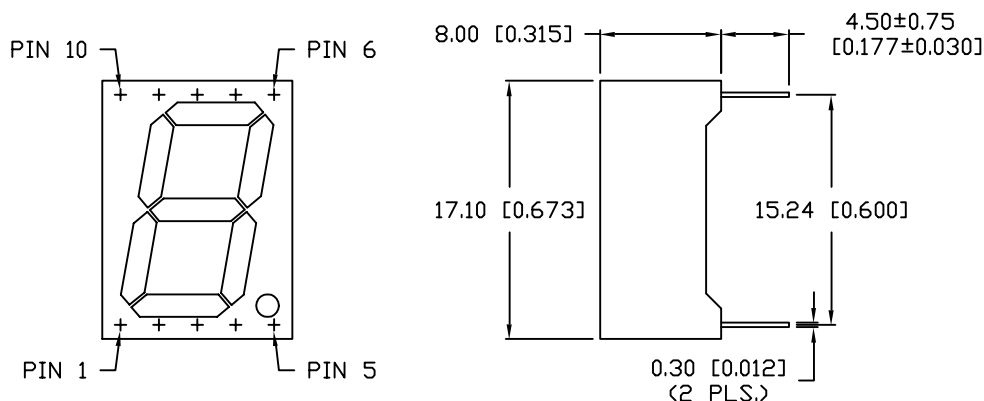
ELECTRO-OPTICAL CHARACTERISTICS T$_A$=25°C   I$_f$=10mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (RED)		nm	
FORWARD VOLTAGE		1.7	2.3	V$_f$	
REVERSE VOLTAGE	4.0			V$_r$	I$_r$=100µA
AXIAL INTENSITY		13000		µcd	I$_f$=10mA
EMITTED COLOR:	RED				
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

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<10µS

3,8

COMMON ANODE

A B C D E F G DP

7 6 4 2 1 9 10 5
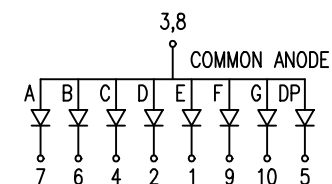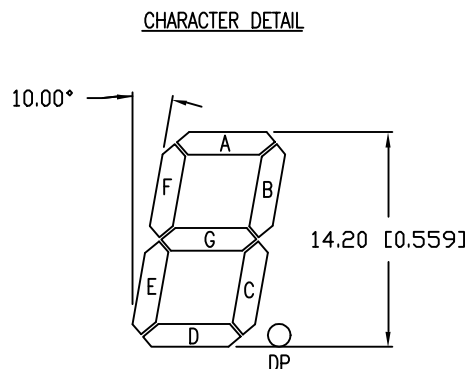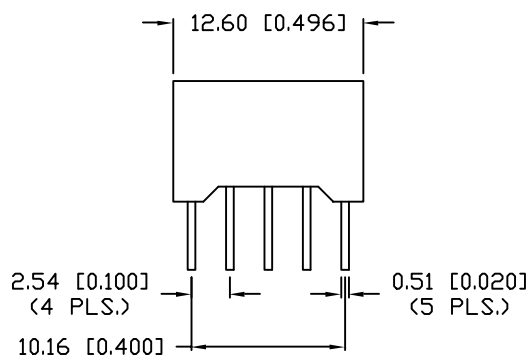
*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV.	PART NUMBER
	LDS-A5646RI

0.56" SEVEN SEGMENT, SINGLE DIGIT DISPLAY,
660nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS,
COMMON ANODE, RIGHT DECIMAL POINT.

LUMEX INCORPORATED

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PALATINE, ILLINOIS 60067
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			SCALE: N/A

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