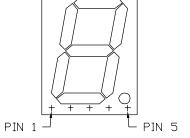
UNCONTROLLED DOCUMENT

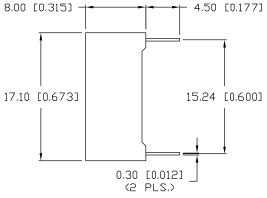
PIN 10 -

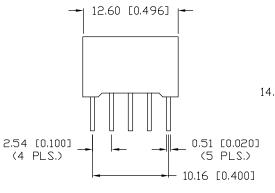
PART NUMBER

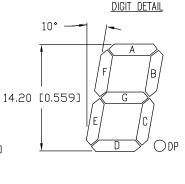
LDS-A5644RI-SI

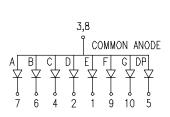
8.00 [0.315] -- PIN 6

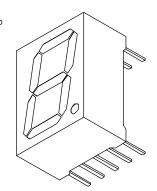












PARAMETER MIN TYP MAX UNITS TEST COND PEAK WAVELENGTH 636 nm	ELECTRO-OPTICAL
PEAK WAVELENGTH 636 nm	PARAMETER
	PEAK WAVELENGTH
FORWARD VOLTAGE 2.0 2.5 V _f	FORWARD VOLTAGE
REVERSE VOLTAGE 5.0 V _r I _r =100µA	REVERSE VOLTAGE
AXIAL INTENSITY 13000 µcd If=10mA	AXIAL INTENSITY
EMITTED COLOR: RED	EMITTED COLOR:
FACE COLOR: GRAY	FACE COLOR:
SEGMENT COLOR: MILKY WHITE DIFFUSED	SEGMENT COLOR:

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	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

REV.

PART NUMBER LDS-A5644RI-SI

0.56" SEVEN SEGMENT, SINGLE DIGIT DISPLAY, 636nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON ANODE.

CONFIDENTIAL INFORMATION

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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.



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:

CHECKED BY:

APPROVED BY: DATE:

6.19.03 PAGE: 1 OF 1 SCALE: N/A