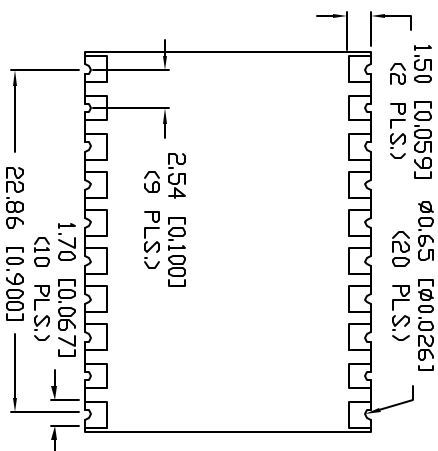
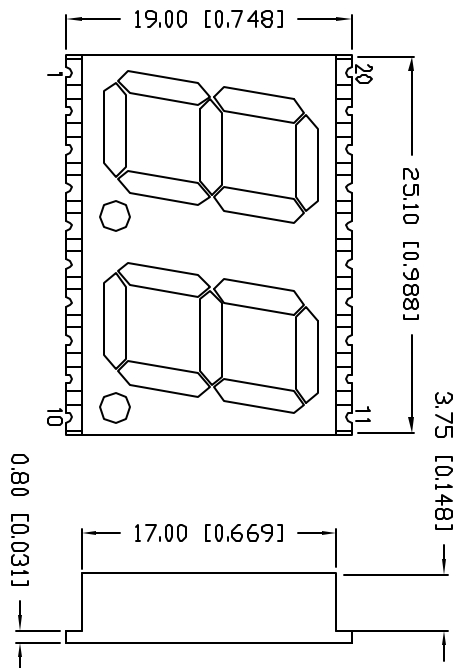
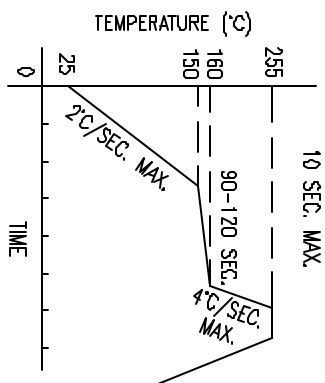
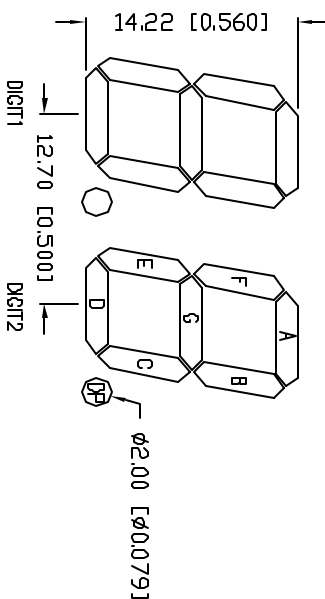


LDD-SMC5606R1-TR



ELECTRO-OPTICAL CHARACTERISTICS $I_A=25\text{C}$ $I_f=10\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.8	2.2	V_f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V_r	$I_f=10\text{mA}$
AXIAL INTENSITY		26000		μcd	
EMITTED COLOR:		RED			
FACE COLOR:		GRAY			
SEGMENT COLOR:		MILKY WHITE DIFFUSED			

DIGIT DETAIL



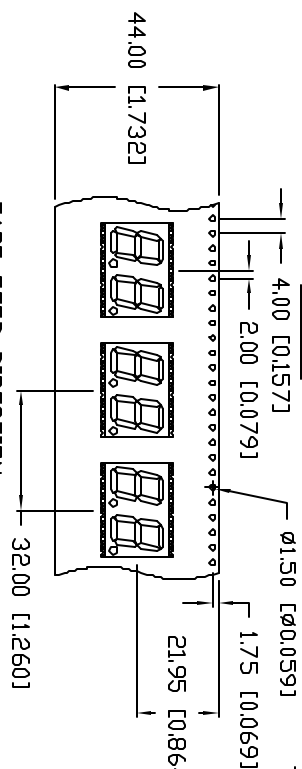
LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	155	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

* $t < 10\mu\text{s}$

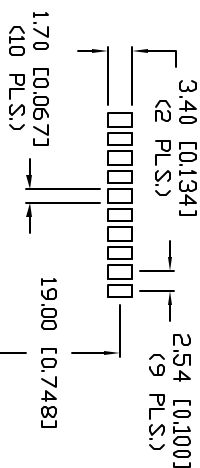
NOTES:

1. 400 PIECES PER REEL.



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

RECOMMENDED SOLDER PAD LAYOUT



REV.

PART NUMBER

LDD-SMC5606R1-TR

0.56" SURFACE MOUNT, DUAL DIGIT 7 SEGMENT DISPLAY,
COMMON CATHODE, 660nm RED LEADS.

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 OBSERVATION 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.



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: 10.9.03

GB

PAGE: 1 OF 1

SCALE: N/A

UNCONTROLLED DOCUMENT