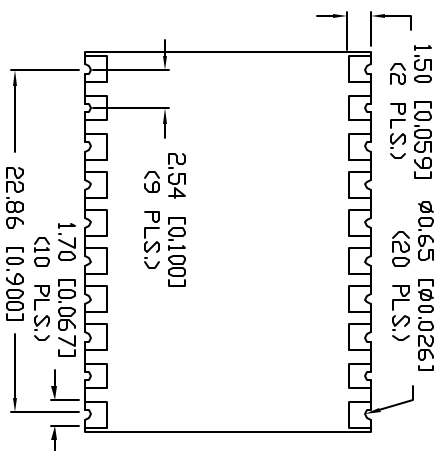
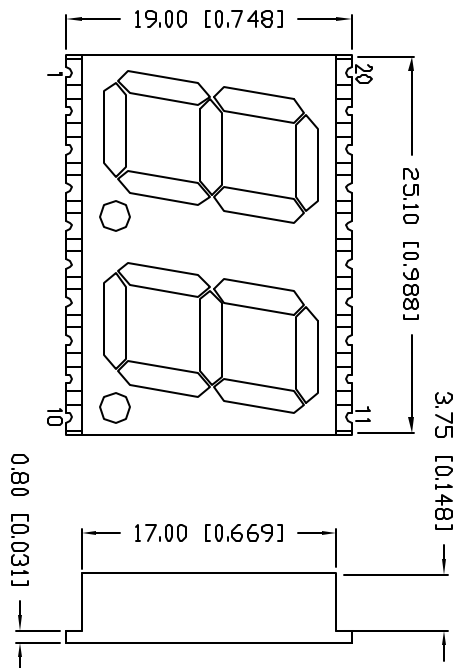
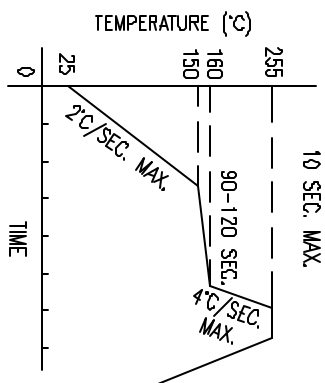
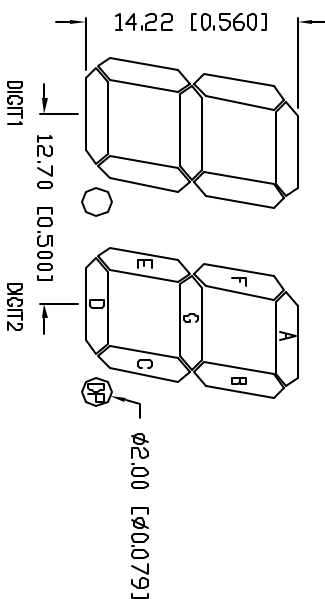


LDD-SMC5606R1-TR



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



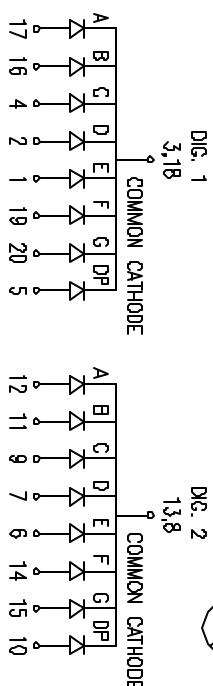
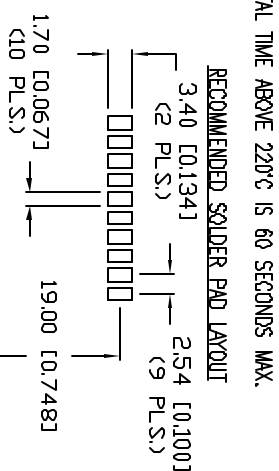
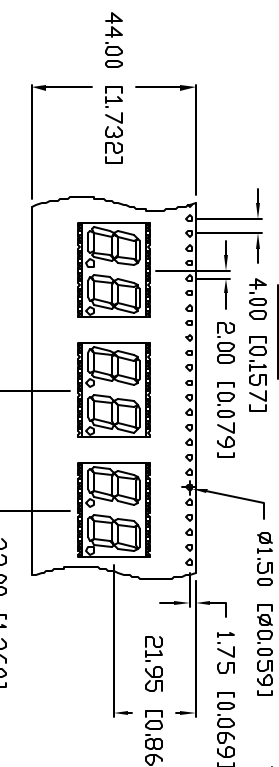
LIMITS OF SAFE OPERATION AT 25°C PER CHIP

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.



REV.

PART NUMBER

LDD-SMC5606R1-TR

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

CONFIDENTIAL INFORMATION

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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.



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