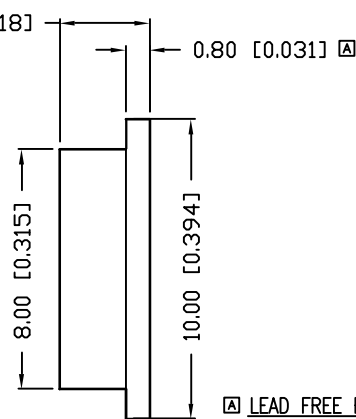
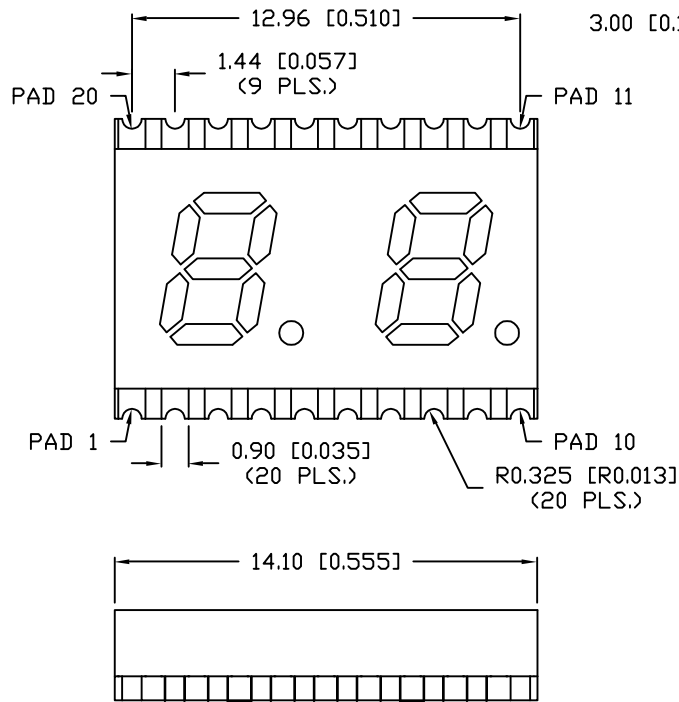
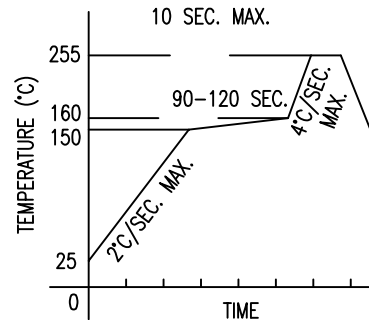


UNCONTROLLED DOCUMENT



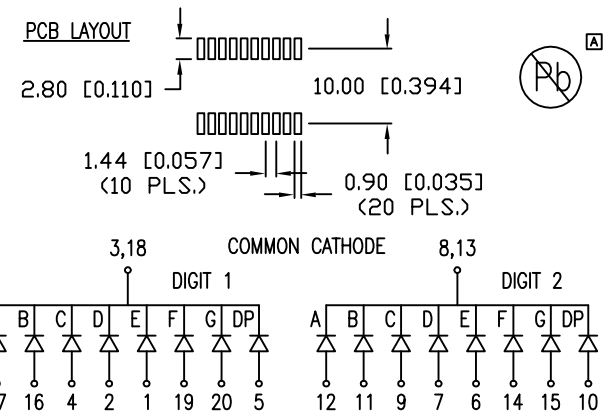
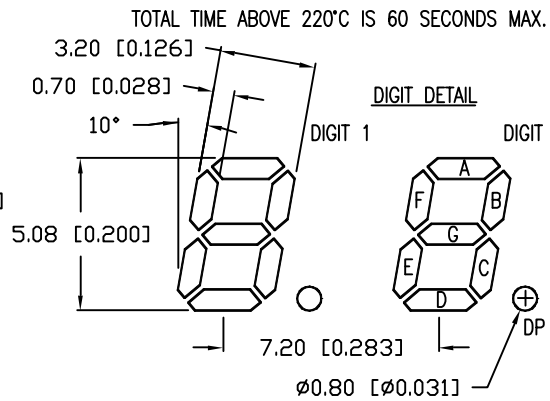
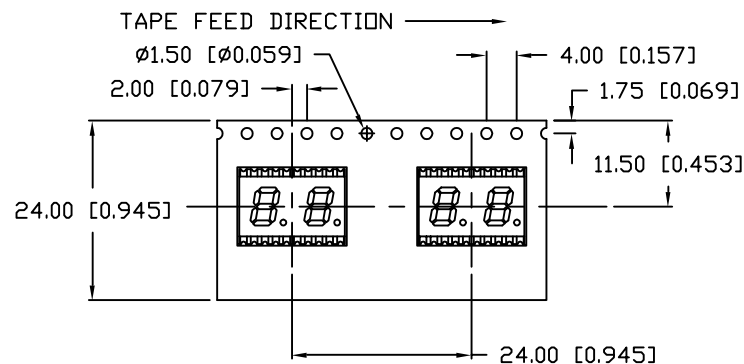
A LEAD FREE REFLOW PROFILE



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		660		nm
FORWARD VOLTAGE		1.7	2.2	V_f
REVERSE VOLTAGE	4.0			V_r
AXIAL INTENSITY		6000		μcd
EMITTED COLOR:	RED			
FACE COLOR:	GRAY			
SEGMENT COLOR:	MILKY WHITE DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C PER SEGMENT		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+DECIMAL PRECISION MAX.=+0.00 -DECIMAL PRECISION

REV. A PART NUMBER LDD-SMC2006RI

0.20" DUAL DIGIT, SEVEN SEGMENT, SMT LED DISPLAY, 660nm RED CHIPS, GRAY FACE WITH WHITE SEGMENTS, COMMON CATHODE, 20 PADS.

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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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