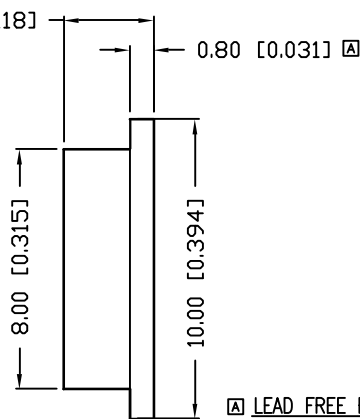
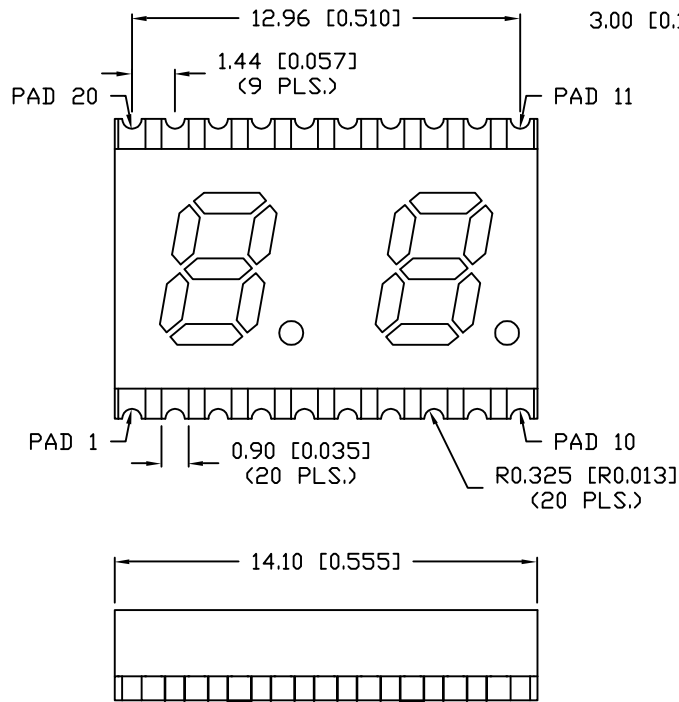
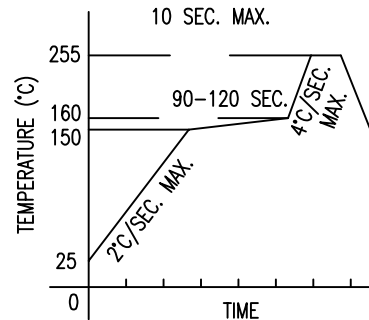


UNCONTROLLED DOCUMENT



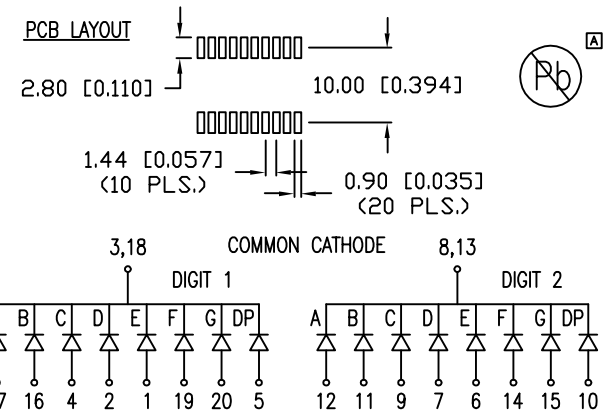
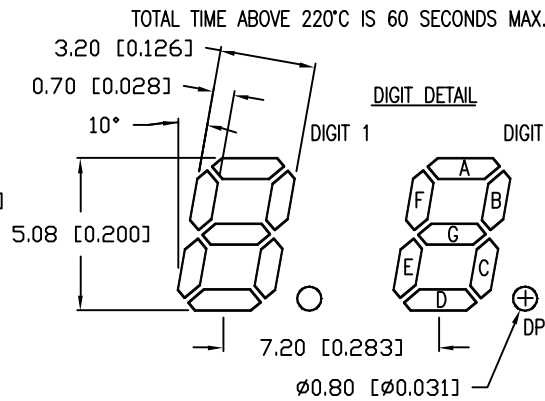
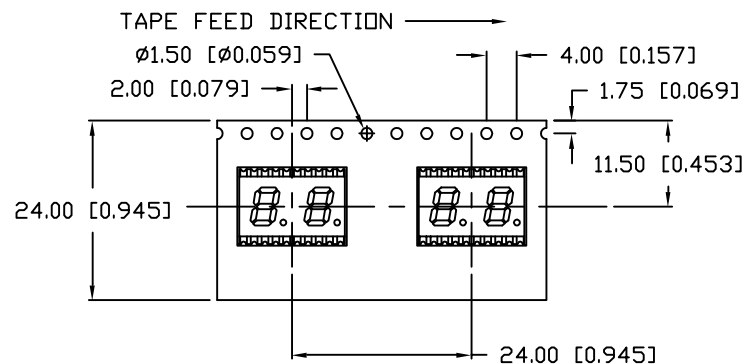
A LEAD FREE REFLOW PROFILE



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=10\text{mA}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH		620		nm
FORWARD VOLTAGE		2.0	2.5	V_f
REVERSE VOLTAGE	5.0			V_r
AXIAL INTENSITY		15000		μcd
EMITTED COLOR:	ORANGE			
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	105	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 -0.00 MAX.=+0.00 -DECIMAL PRECISION

REV. A PART NUMBER LDD-SMC2008RI-SO

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0.20" DUAL DIGIT, SEVEN SEGMENT, SMT LED DISPLAY,
620nm ORANGE CHIPS, GRAY FACE WITH WHITE SEGMENTS,
COMMON CATHODE, 20 PADS.

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.

DRAWN BY: BC CHECKED BY: APPROVED BY: DATE: 8.12.03
PAGE: 1 OF 1
SCALE: N/A