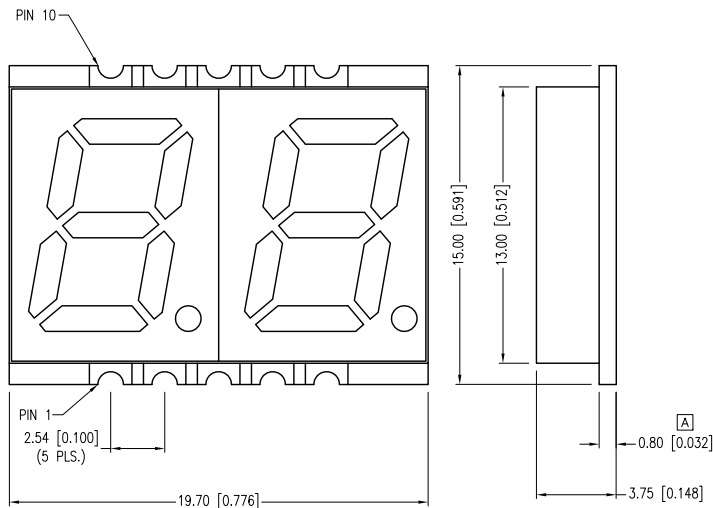


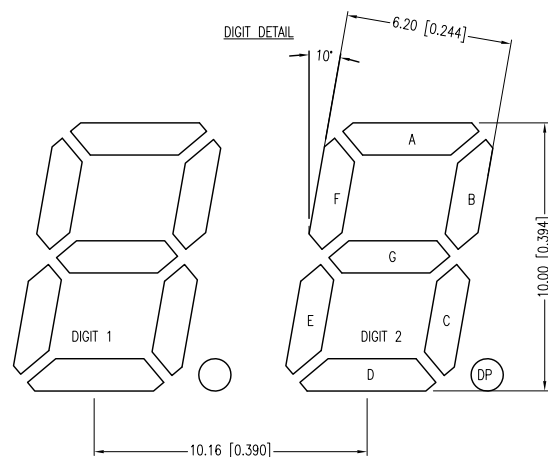
PART NUMBER	LDD-SMHTC3904RI-SI	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
02.24.14	E.C.N. #11898.		A
09.09.14	E.C.N. #11925.		B



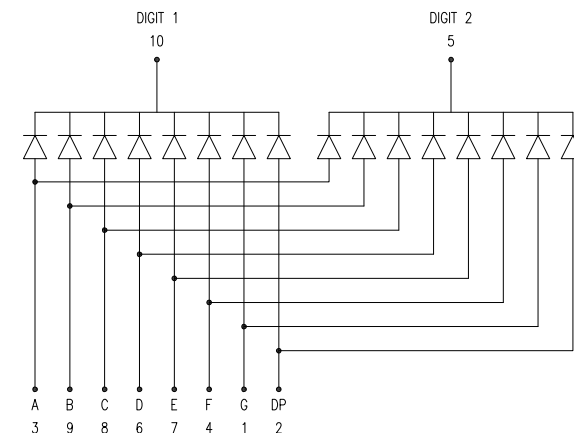
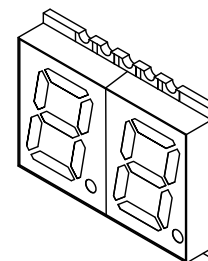
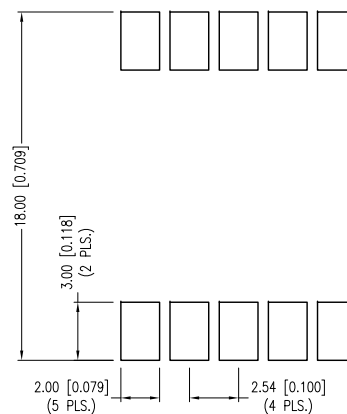
ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		640		nm	
FORWARD VOLTAGE		2.0	2.60	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100 μ A
AXIAL INTENSITY	8500	12000		μcd	I _f =10mA
EMITTED COLOR:	RED			2x theta	
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-0.30	mA/°C
OPERATING TEMP.	-40 TO +105	°C
STORAGE TEMP.	-40 TO +105	°C

* t<10 μ s

RECOMMENDED SOLDER PAD LAYOUT



*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}

UNCONTROLLED DOCUMENT



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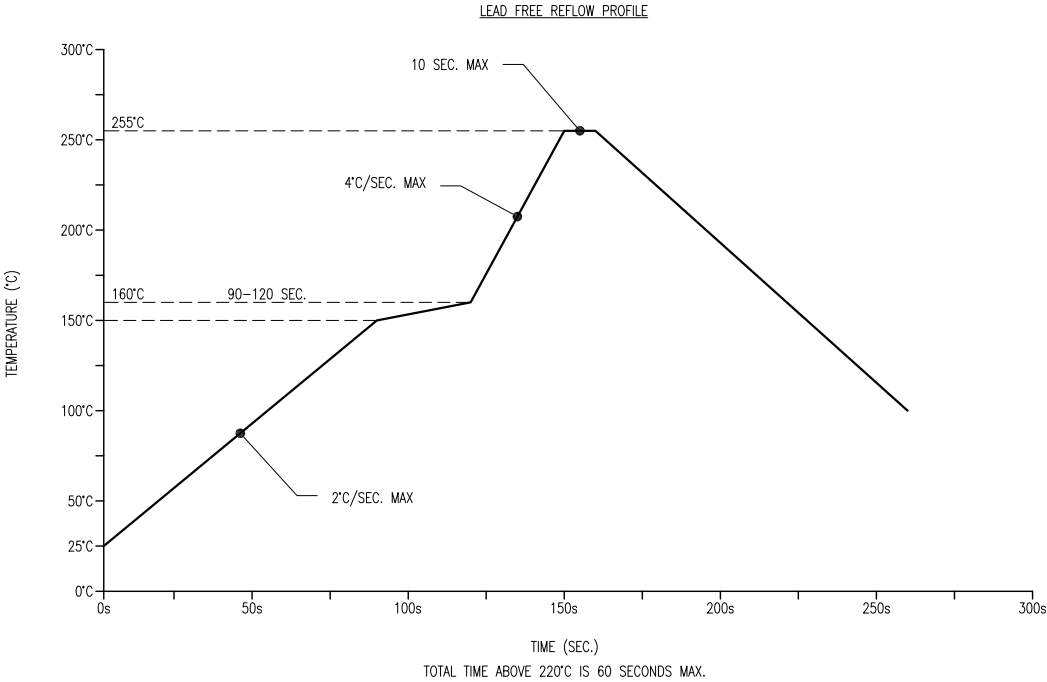
0.39" 7 SEGMENT DUAL DIGIT DISPLAY, 640nm RED, HIGH TEMP., COMMON CATHODE.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	07.17.13	DRAWN BY:	MA
PAGE:	1 OF 2	CHKD BY:	DT
SCALE:	NTS	APRVD BY:	-
UNIT:	mm [INCH]		(Pb)

PART NUMBER	LDD-SMHTC3904RI-SI	REV.	B
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