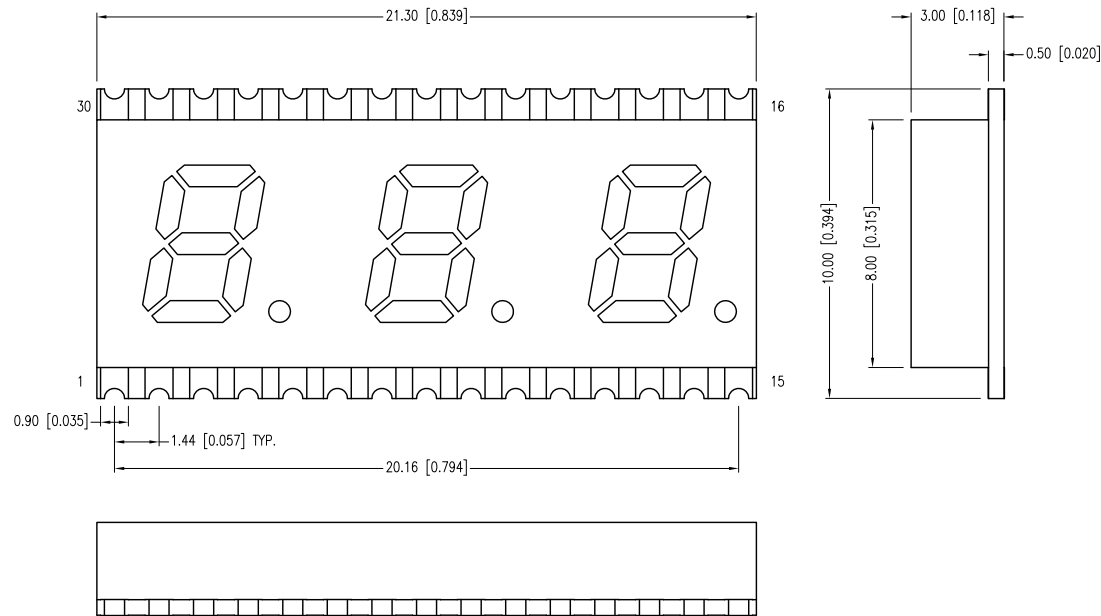


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DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.01.12	E.C.N. #10BRDR. & REDRAWN.		A



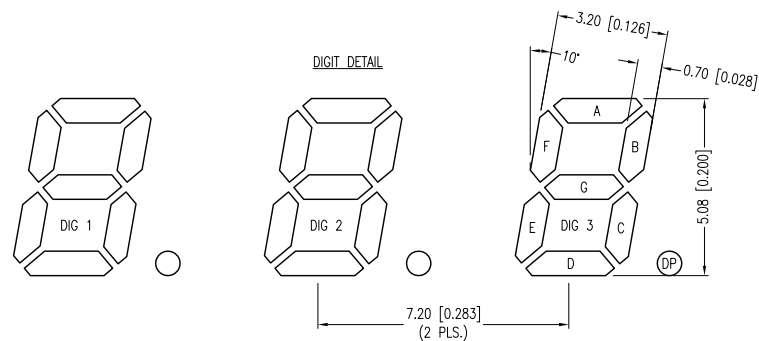
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=10mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		620		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		15,000		μcd	If=10mA
EMITTED COLOR:	ORANGE				
FACE COLOR:	GRAY				
LENS FINISH:	MILKY WHITE DIFFUSED				

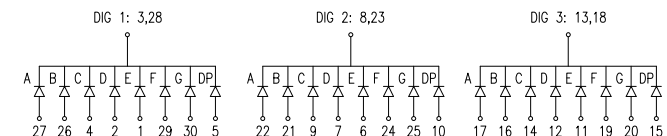
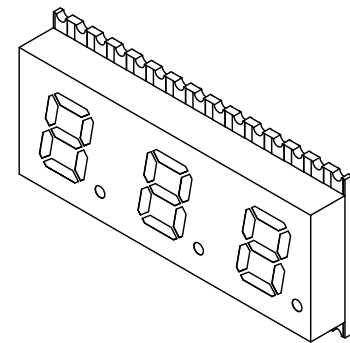
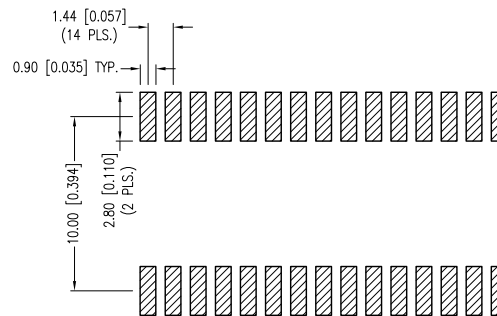
LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* t<10μS



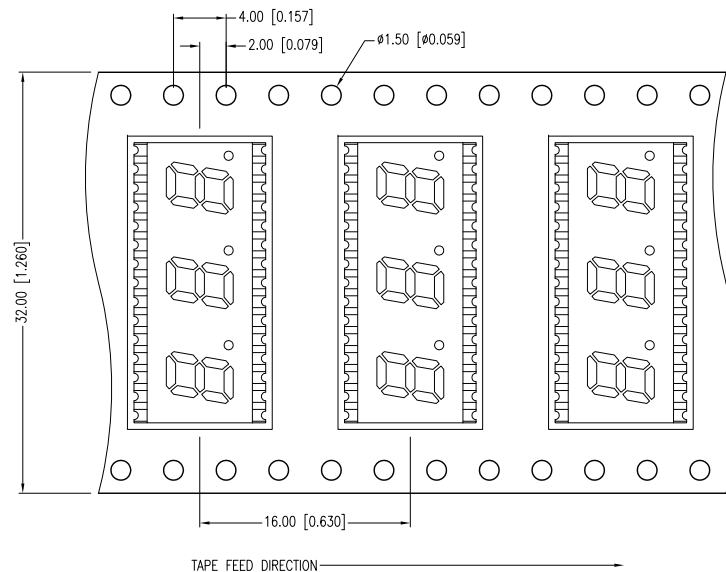
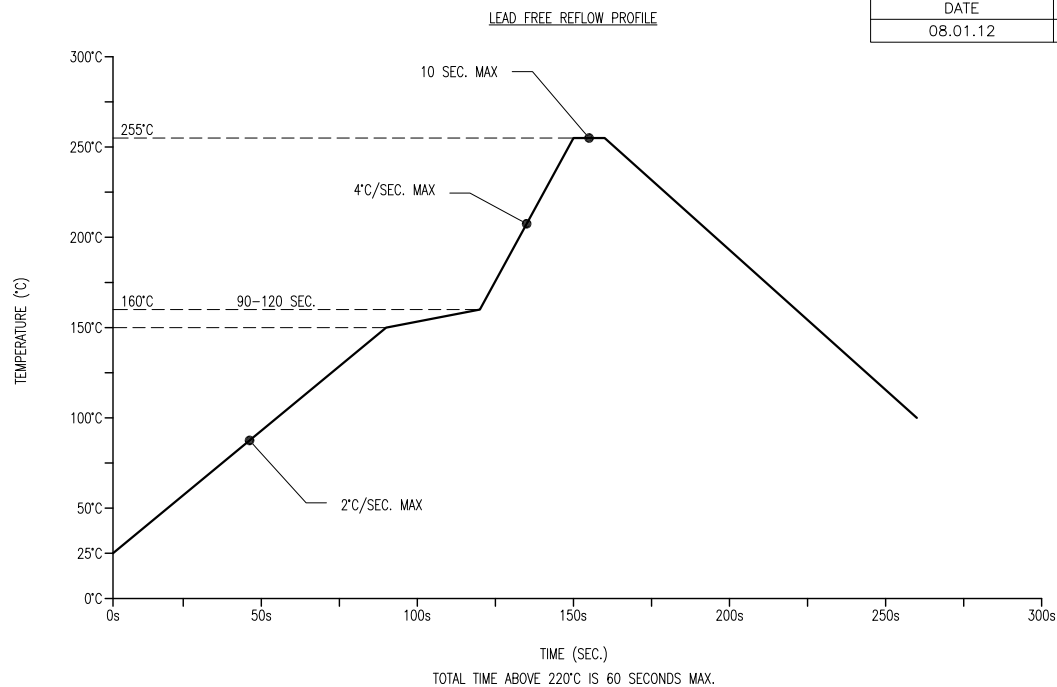
RECOMMENDED SOLDER PAD LAYOUT



*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 ^{-DECIMAL PRECISION}

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PART NUMBER	LDT-SMC2008RI-S0	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.01.12	E.C.N. #10BRDR. & REDRAWN.		A



*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.= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ DECIMAL PRECISION MAX.= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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QUASARBRITE 0.20" 3 DIGIT 7 SGM T SMT LED DISPLAY, 620nm ORANGE, COMMON CATHODE.

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