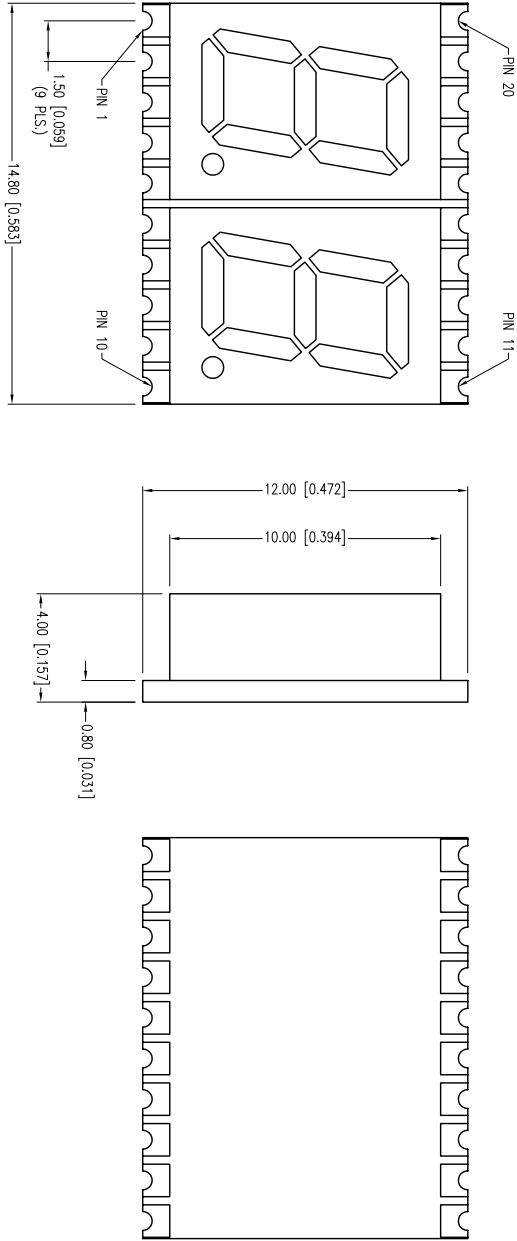


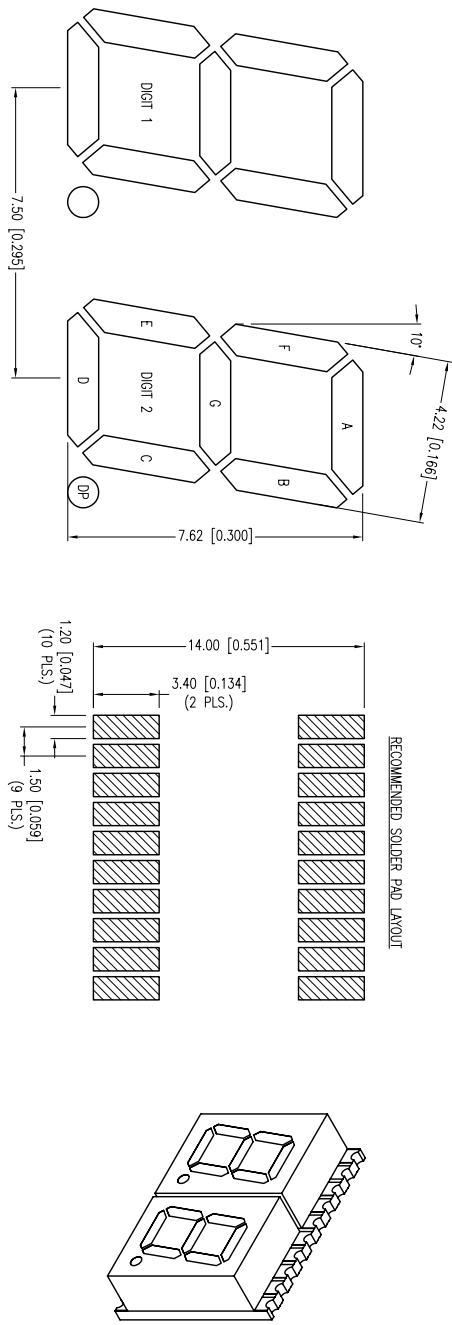
PART NUMBER	LDD-SMHTA302RISUGT	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
03/26/12	E.C.N. #11811 CHANGE PART DESCRIPTION.	A	



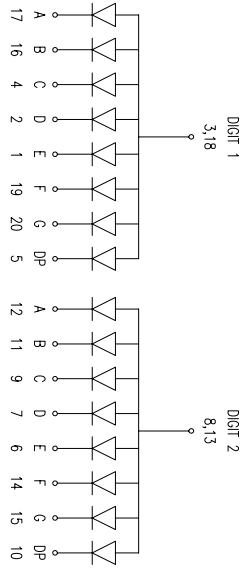
ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH	568	2.25	2.60	nm
FORWARD VOLTAGE	5.0			Vf $I_f=100\mu\text{A}$
REVERSE VOLTAGE	2.25			Vr $I_r=10\text{mA}$
AVAL INTENSITY		2500		μcd
EMITTED COLOR:	GREEN			2x theta
FACE COLOR:	GRAY			
SEGMENT 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	65	mW
DERATE FROM 25°C	-0.33	mW/°C
OPERATING TEMP.	-40 TO +105	°C
STORAGE TEMP.	-40 TO +105	°C

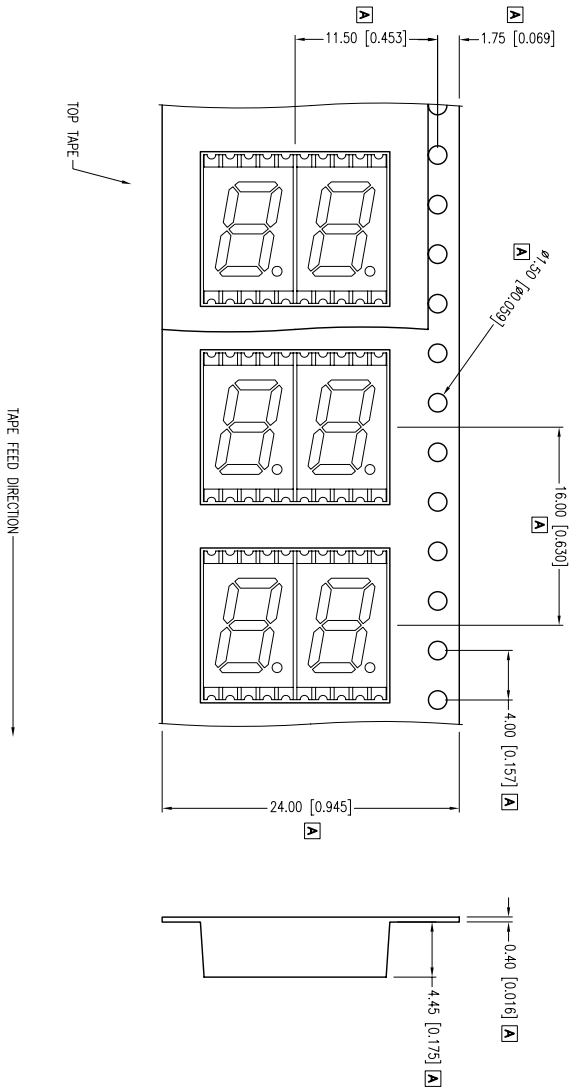
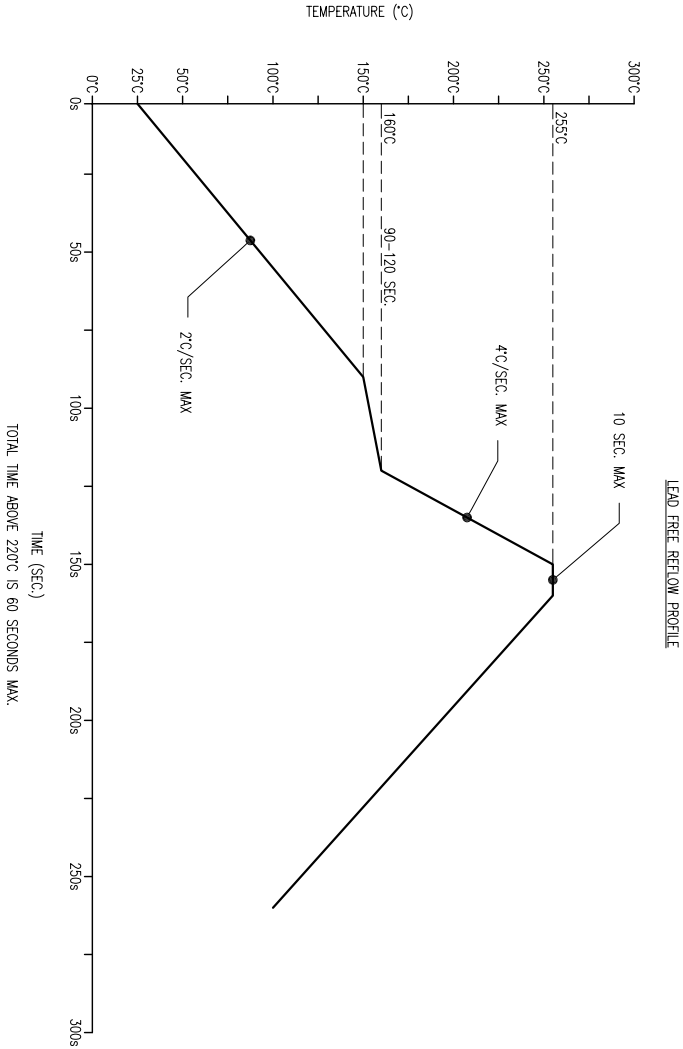
* $t \leq 100\text{S}$



RECOMMENDED SOLDER PAD LAYOUT



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.029), 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= -0.00, -DECIMAL PRECISION MAX= +0.00, -DECIMAL PRECISION



*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= -0.00, -DECIMAL PRECISION MAX = +0.00, -DECIMAL PRECISION



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0.30" 7 SEGMENT DUAL DIGIT DISPLAY, 568nm GREEN, HIGH TEMP., COMMON ANODE.

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