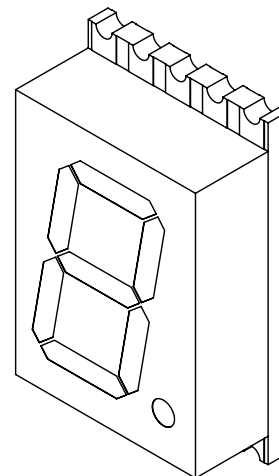
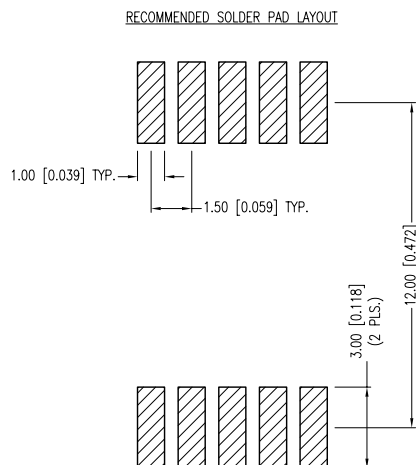
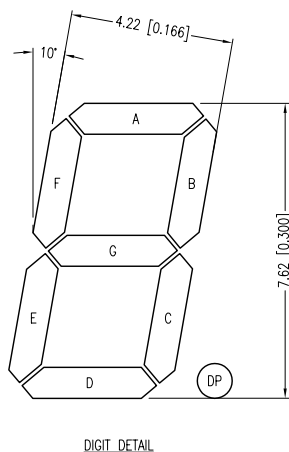
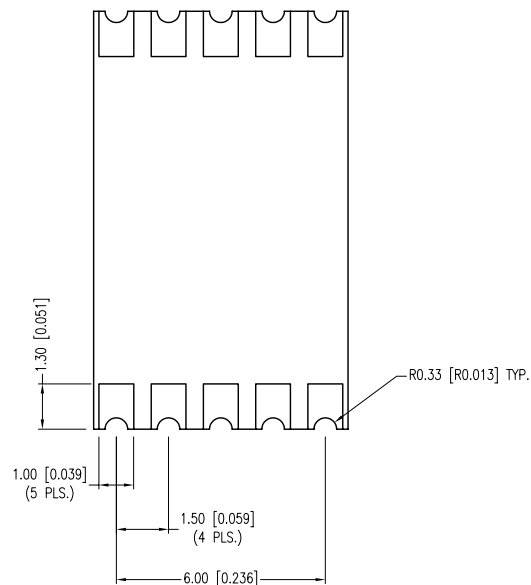
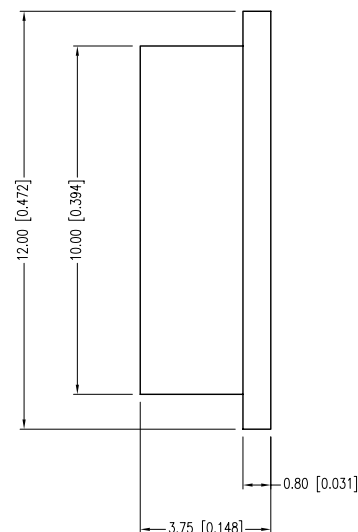
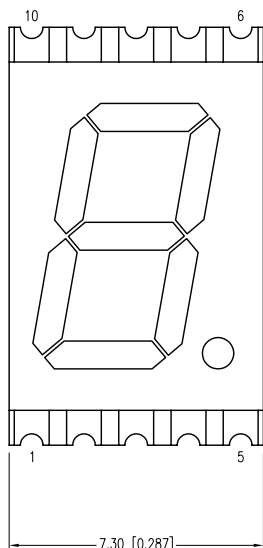


PART NUMBER	LDS-SMA3002RIUPGTR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
09.26.07	E.C.N. #11446.		A
09.26.11	E.C.N. #11757/10BRDR. & REDRAWN.		B

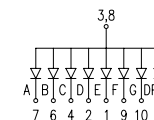


ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE		3.5	4.0	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100 μ A
AXIAL INTENSITY		55000		mcd	I _f =20mA
EMITTED COLOR:	GREEN				
FACE COLOR:	GRAY				
EPOXY LENS FINISH:	MILKY WHITE				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

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

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



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

UNCONTROLLED DOCUMENT



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PALATINE, IL 60067-6976
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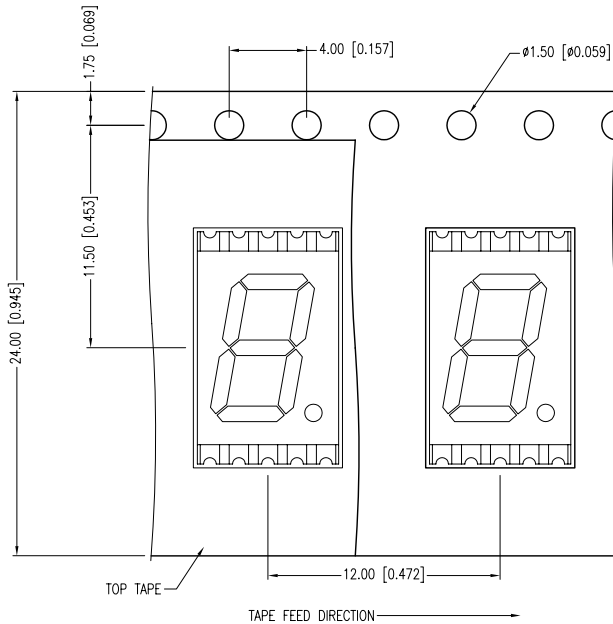
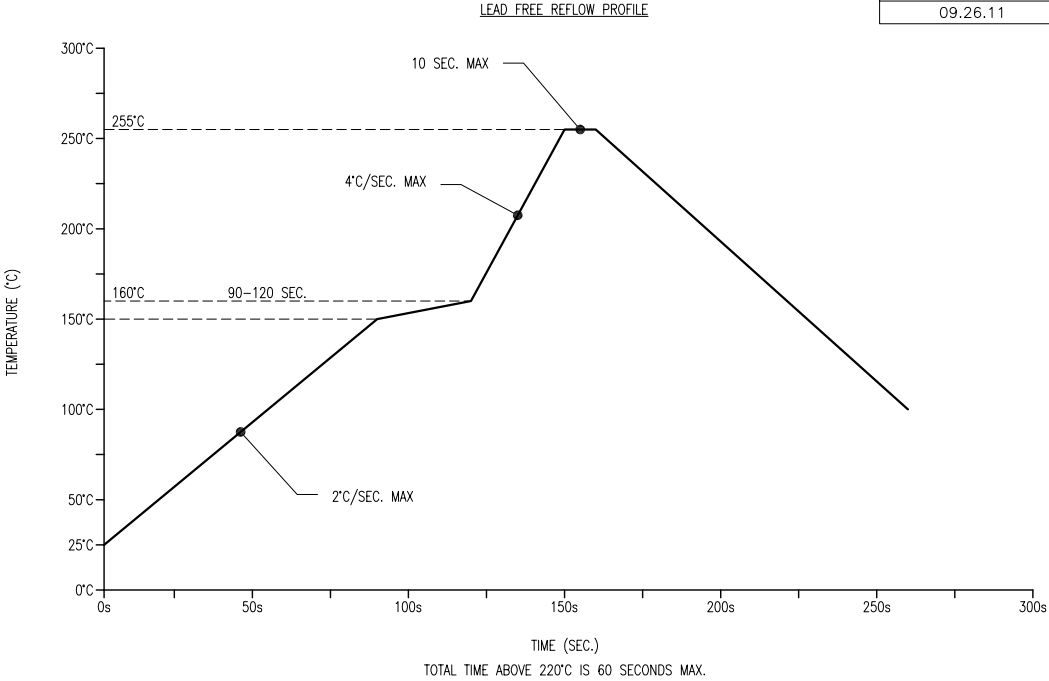
0.30" SMT 7 SEGMENT DISPLAY, COMMON ANODE, 525nm InGaP GREEN LEDS, GRAY FACE WITH WHITE SEGMENTS.

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

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DATE:	09.26.11	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		Ⓟ

PART NUMBER	LDS-SMA3002RIUPGTR	REV.	B
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 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	0.30" SMT 7 SEGMENT DISPLAY, COMMON ANODE, 525nm InGaP GREEN LEDS, GRAY FACE WITH WHITE SEGMENTS.	DATE: 09.26.11	DRAWN BY: AB
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.	PAGE: 2 OF 2	CHKD BY: SS
	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	SCALE: NTS	APRVD BY: JD
		UNIT: mm [INCH]	Ⓢ