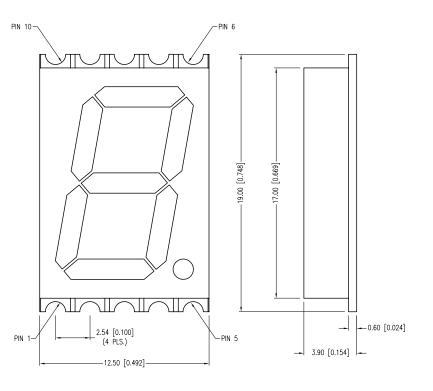
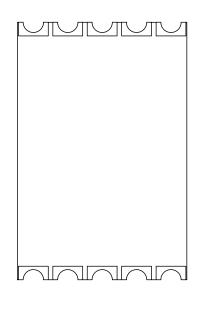
UNCONTROLLED DOCUMENT

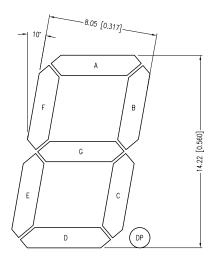
PART NUMBER	LDS-SMHTA5602RISUG	REV.	А
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.04.12	E.C.N. #11820.		Α

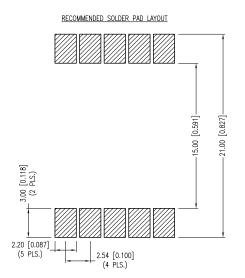


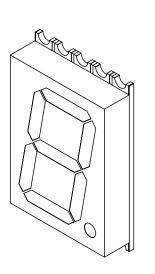


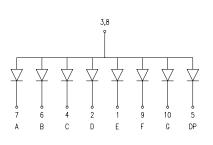
ELECTRO-OPTICAL	CHARACTERISTICS	Ta=25*C If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		568		nm	
FORWARD VOLTAGE		2.25	2.60	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		4500		μcd	If=10mA
EMITTED COLOR:	GREEN			2x theta	
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE D	NFFUSED			

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	mA/*C
OPERATING TEMP.	-40 TO +105	*C
STORAGE TEMP.	-40 TO +105	*C
* t<10µS		









*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= $^{+0}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+0}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISION MA

0.56" 7 SEGMENT SINGLE DIGIT DISPLAY, 568nm GREEN, HIGH TEMP., COMMON ANODE.

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

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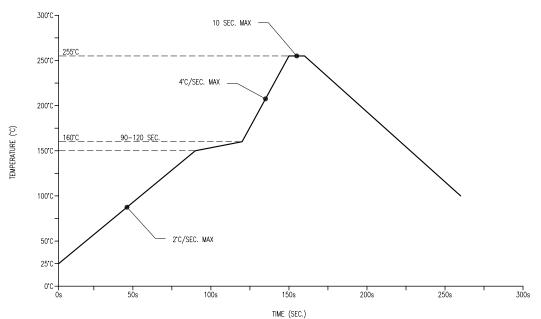
DATE: 03.20.12 DRAWN BY: AB PAGE: 1 OF 2 CHKD BY: KF SCALE: NTS APRVD BY: KF UNIT: mm [INCH] (%)	ON	UNC	ONTRO)LL	ED DOCUMENT		
SCALE: NTS APRVD BY: KF		DATE:	03.20.1	12	DRAWN BY:	AB	
		PAGE:	1 OF	2	CHKD BY:	KF	
UNIT: mm [INCH] (Pb)		SCALE:	NTS		APRVD BY:	KF	
[UNIT: mm [INCH]			Po		

Creating LED and LCD Solutions Together

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_DS-SMHTA5602RISUG PART NUMBER REV. Α REV. DATE E.C.N. NUMBER AND REVISION COMMENTS 05.04.12 E.C.N. #11820. Α

LEAD FREE REFLOW PROFILE



-4.00 [0.157] Α 32.00 [1.260]--16.00 [0.630]-TOP TAPE

TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.$

TAPE FEED DIRECTION



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP 0.56" 7 SEGMENT SINGLE DIGIT DISPLAY, 568nm GREEN, HIGH TEMP., COMMON ANODE.

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DATE:	03.20.12	DRAWN BY:	AB	
PAGE:	2 OF 2	CHKD BY:	KF	
SCALE:	NTS	APRVD BY:	KF	
UNIT: mm [INCH]		P6)		