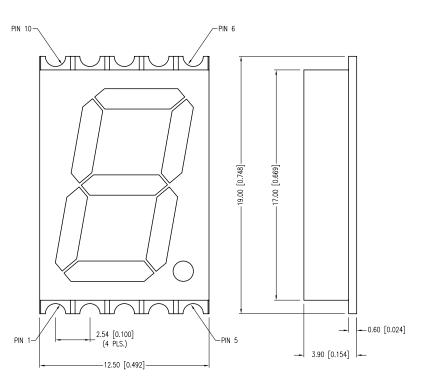
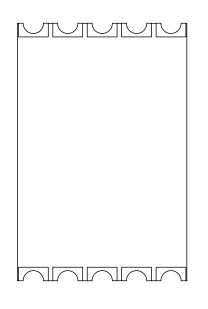
UNCONTROLLED DOCUMENT

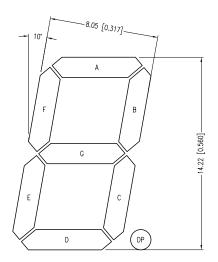
PART NUMBER	LDS-SMHTA5604RISIT	REV.	А
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.04.12	E.C.N. #11820.		Α

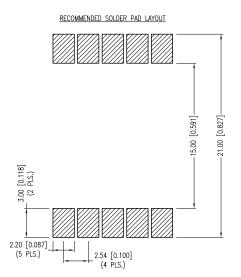


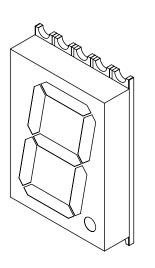


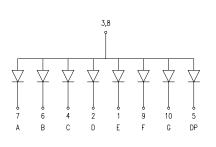
ELECTRO-OPTICAL	CHARACTERISTICS	Ta=25°C If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		640		nm	
FORWARD VOLTAGE		1.95	2.40	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		6000		μcd	If=10mA
EMITTED COLOR:	RED			2x theta	
FACE COLOR:	GRAY				
SEGMENT COLOR:	MILKY WHITE	DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C	DED DIE	
LIMITS OF SALE OF LIVATION AT 25 C	FLIX DIL	
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-0.30	mW/*C
OPERATING TEMP.	-40 TO +105	•C
STORAGE TEMP.	-40 TO +105	*C
* t<10uS		









\*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=  $^{+0.001}_{-0.00}$  MAX.=  $^{+0.00}_{-0.001}$  MAX.=  $^{+0.001}_{-0.001}$  PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $^{+0.001}_{-0.001}$  PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005).

0.56" 7 SEGMENT SINGLE DIGIT DISPLAY, 640nm RED, HIGH TEMP., COMMON ANODE.

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

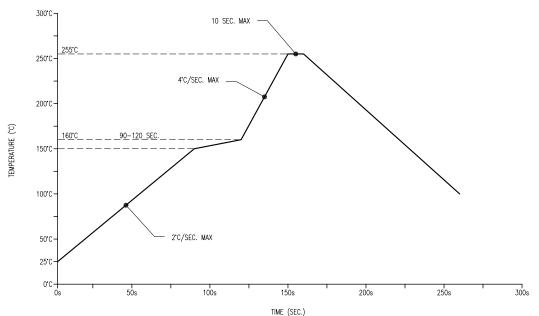
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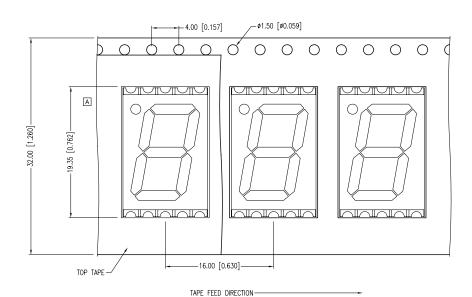
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	UNIT: mm [INCH]					(Ph)	)

290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM Creating LED and LCD Solutions Together™ MEMBER OF ITW PHOTONICS GROUP UNCONTROLLED DOCUMENT

.DS-SMHTA5604RISIT 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





TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

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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 MEMBER OF ITW PHOTONICS GROUP 0.56" 7 SEGMENT SINGLE DIGIT DISPLAY, 640nm RED, HIGH TEMP., COMMON ANODE.

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