

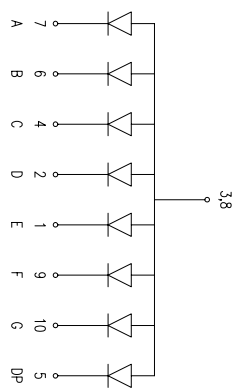
ELECTRO-OPTICAL CHARACTERISTICS  $T_c=25^\circ\text{C}$   $I_f=20\text{mA}$

PARAMETER	MIN	TP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	640	1.95	2.40	nm	
FORWARD VOLTAGE		5.0		V <sub>f</sub>	$I_f=100\mu\text{A}$
REVERSE VOLTAGE			4500	V <sub>r</sub>	$I_f=10\text{mA}$
AXIAL INTENSITY				cd	
EMITTED COLOR:		RED			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	60	mW
DERATE FROM 25°C	-0.30	mW/°C
OPERATING TEMP.	-40 TO +105	°C
STORAGE TEMP.	-40 TO +105	°C

\* I<sub>T</sub>10/5



\*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)

UNCONTROLLED DOCUMENT

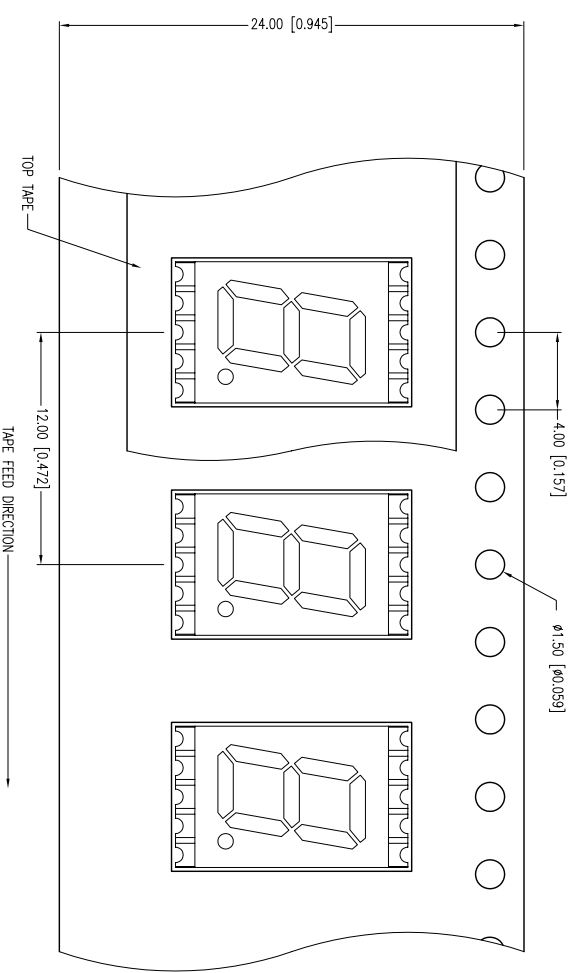
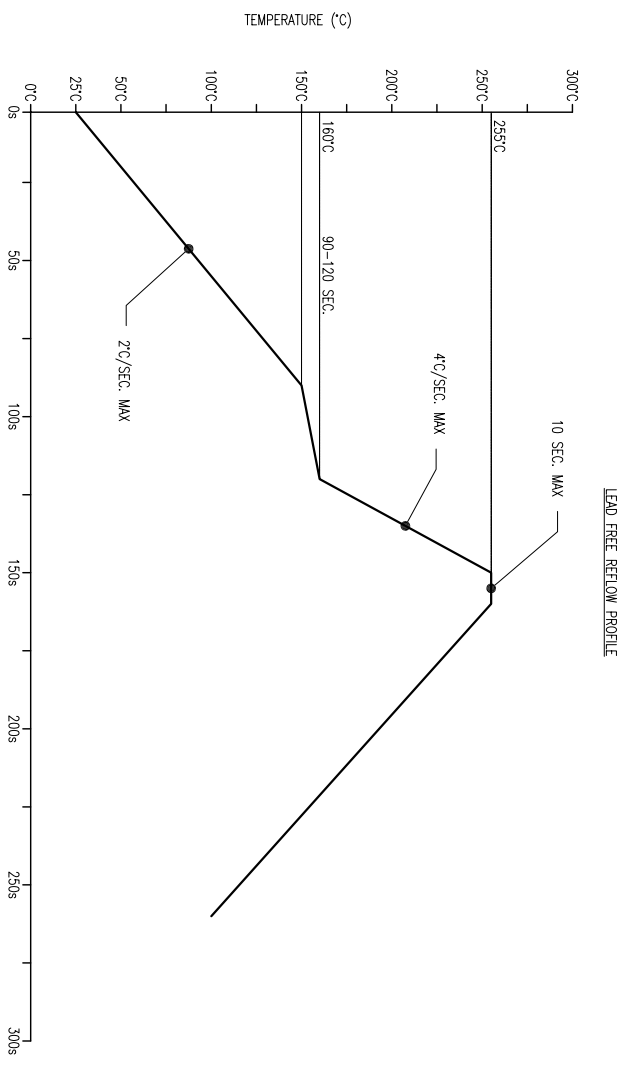
390 E. HELEN ROAD  
 PALATKA, IL 60067-6976  
 PHONE: +1 847 359 2790  
 FAX: +1 847 359 6538  
 WEB: WWW.LUMEX.COM  
 MEMBER OF JTW PHOTONICS GROUP

0.30" 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.\*\*

CONFIDENTIAL INFORMATION  
 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.

DATE: 03.20.12 DRAWN BY: AB  
 PAGE: 1 OF 2 CHKD BY: KF  
 SCALE: NTS APRVD BY: KF  
 UNIT: mm [INCH]



\*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= -0.000 DECIMAL PRECISION MAX.= +0.000 DECIMAL PRECISION

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

0.30" 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.\*\*  
 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.

UNCONTROLLED DOCUMENT

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