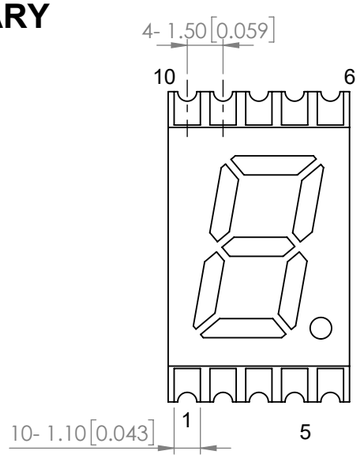
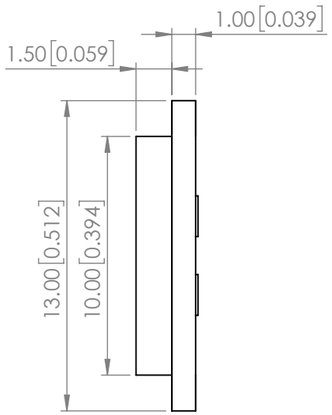
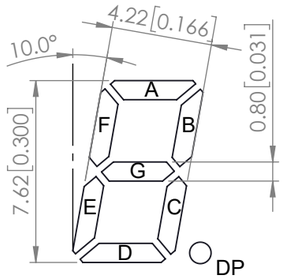
PART NUMBER	LDS-SMA3014RI-SITR	REV	X1

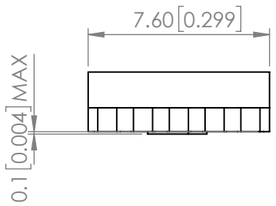
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE
X1	--	10.25.26

PRELIMINARY









ELECTRO-OPTICAL CHARACTERISTIC TA=25℃ PER DIE

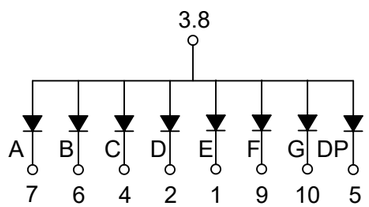
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	640	-	nm	If=20mA
FORWARD VOLTAGE	-	2.1	2.4	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
LUMINOUS INTENSITY	-	22000	-	ucd	If=20mA
EMITTED COLOR	RED				
FACE COLOR	GRAY				
SEGMENT COLOR	MILKY WHITE DIFFUSED				

ABSOLUTE MAXIMUM RATINGS TA=25℃ PER SEGMENT

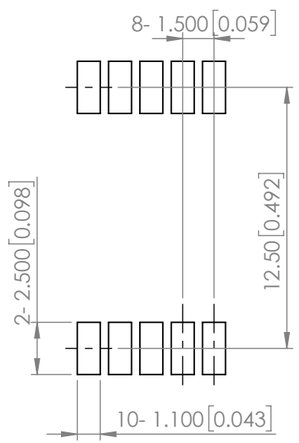
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	40	mA
FORWARD CURRENT	20	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	50	mW
STORAGE TEMPERATURE	-40 TO +105	℃
OPERATING TEMPERATURE	-40 TO +105	℃

*1/10 DUTY,1KHz

POLARITY



RECOMMENDED SOLDER PAD LAYOUT



MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2a STANDARDS

STATIC 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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

TW LUMEX Creating LED - LCD & Switch Solutions
2325. KENYON ROAD.
BARTLETT, IL 60103
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

13.0(L)*7.6(W)*2.5(H)mm, 0.30" SMT 7 SEGMENT DISPLAY, COMMON ANODE, 640nm RED COLOR, GRAY FACE WITH WHITE DIFFUSED SEGMENTS, TAPE & REEL.

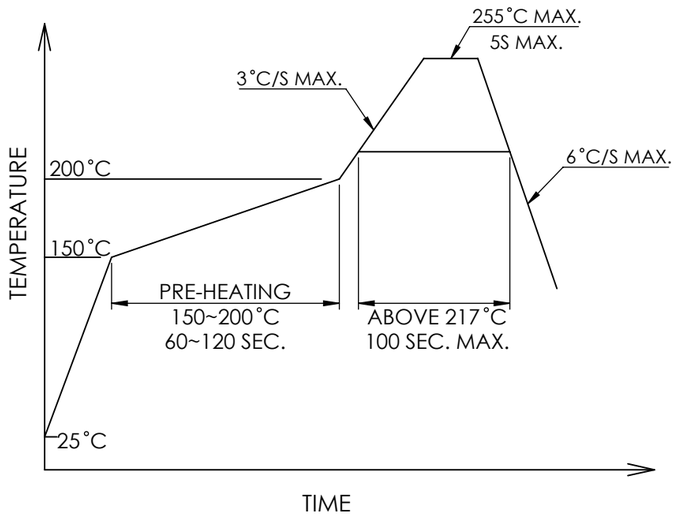
DATE : 2026.10.25	DRAWN BY : E.C.
PAGE : 1 OF 2	CHKD BY : T.S.
SCALE : NTF	APRVD BY : --
UNIT : mm [INCH]	Pb

****THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.****

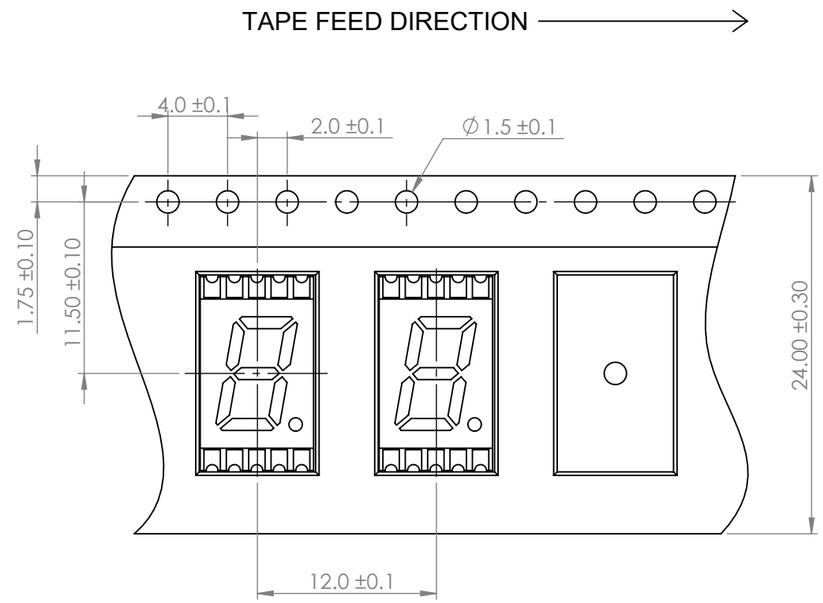
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PART NUMBER	LDS-SMA3014RI-SITR	REV	X1

PROFILE



CARRIER TAPE DIMENSION



NOTE :
1. PACKAGE: 1500 PCS/REEL

*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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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SCALE : NTF	APRVD BY : --
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