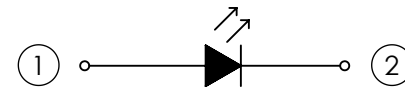
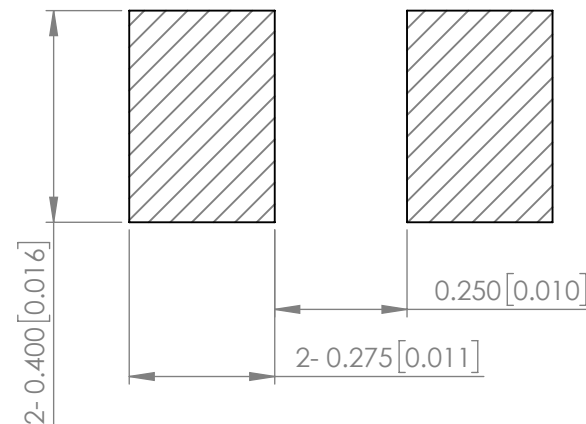
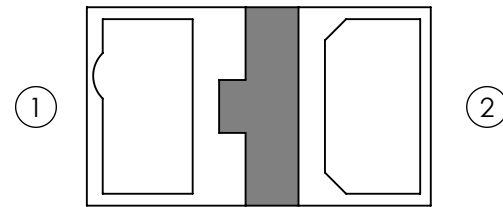


**POLARITY**



**RECOMMENDED SOLDER PAD LAYOUT**



**ELECTRO-OPTICAL CHARACTERISTIC TA=25°C**

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	610	-	nm	If=2mA
FORWARD VOLTAGE	-	1.8	2.3	Vf	If=2mA
REVERSE CURRENT	-	-	100	uA	VR=5V
LUMINOUS INTENSITY	-	10	-	mcd	If=2mA
VIEWING ANGLE	-	110	-	2x theta1/2	-
EMITTED COLOR	ORANGE				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				

**ABSOLUTE MAXIMUM RATINGS TA=25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	20	mA
FORWARD CURRENT	2	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	4.6	mW
STORAGE TEMPERATURE	-40~+100	°C
OPERATING TEMPERATURE	-40~+85	°C

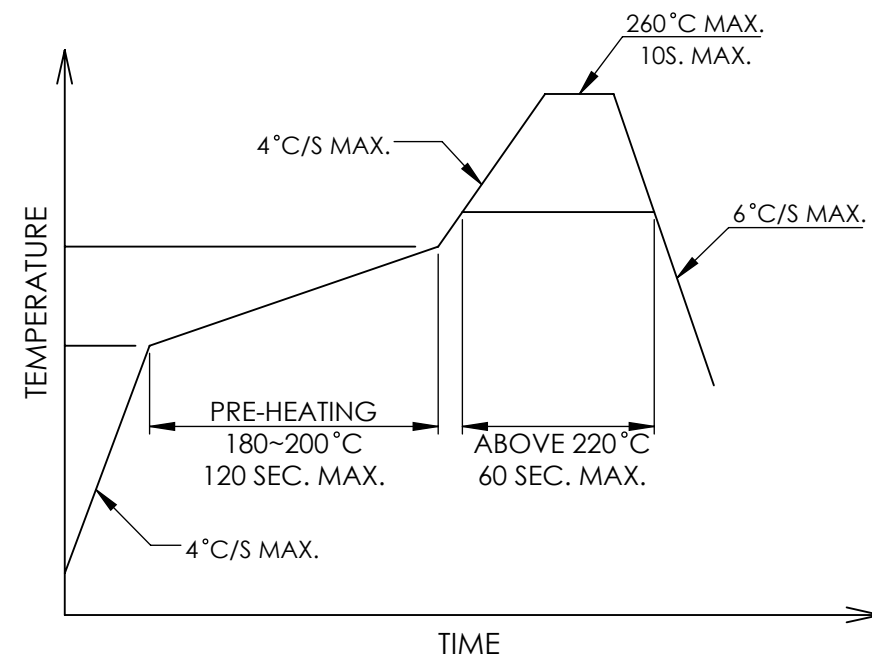
\*t<10us

**NOTE:**  
1. 4000 PCS/REEL.

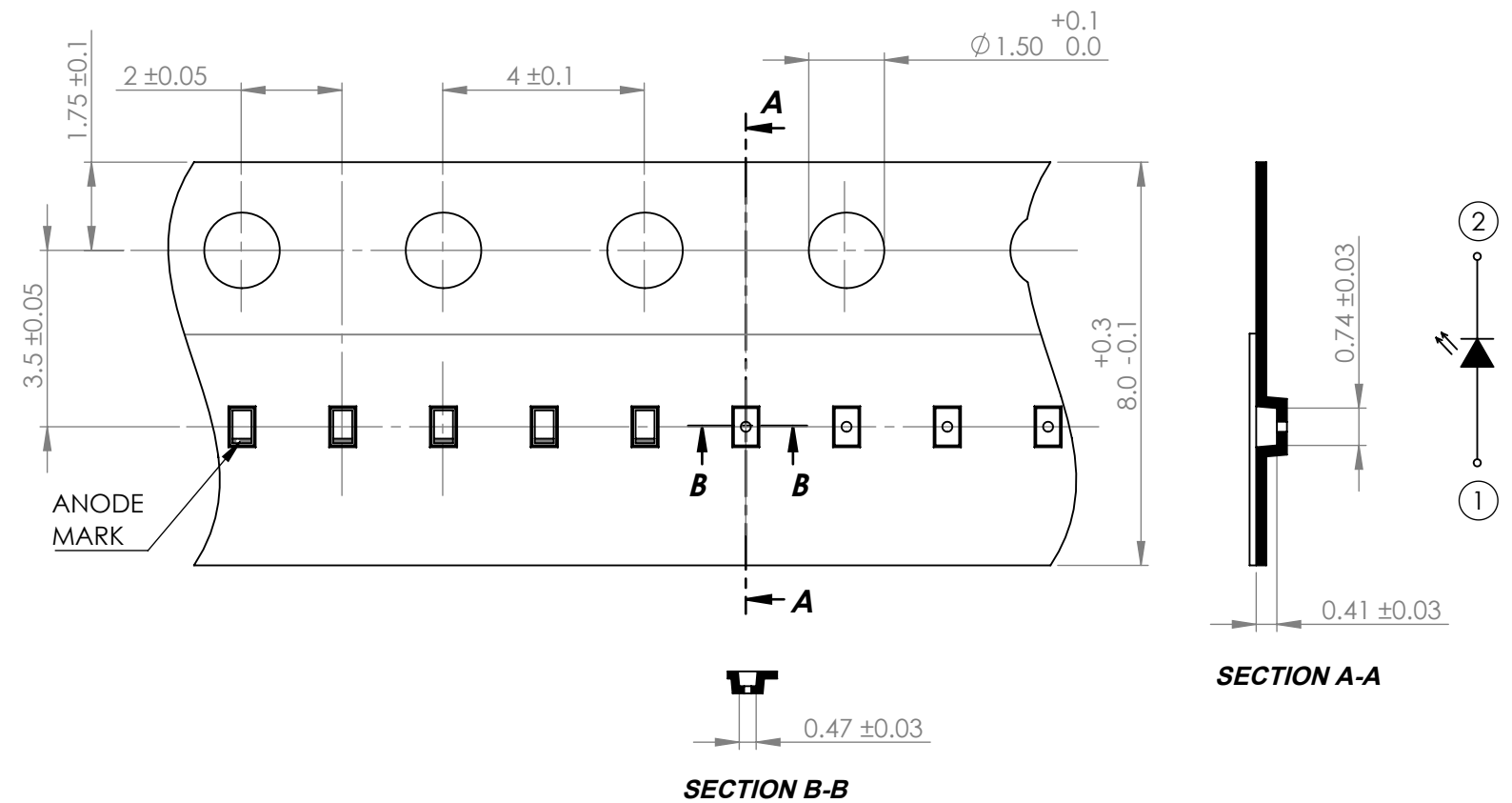
STATIC DEVICE FOLLOW PROPER  
E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART

\*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= <sup>+DECIMAL PRECISION</sup>/<sub>-0.00</sub> MAX= <sup>+0.00</sup>/<sub>-DECIMAL PRECISION</sub>

**PROFILE**



**CARRIER TAPE DIMENSION**



\*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= <sup>+DECIMAL PRECISION</sup> / <sub>-0.00</sub> MAX= <sup>+0.00</sup> / <sub>-DECIMAL PRECISION</sub>

	425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM	0.65(L)*0.38(W)*0.36(H)mm, SURFACE MOUNT TOP VIEW LED, AlInGaP ORANGE, MILKY WHITE DIFFUSED LENS, TAPE & REEL	DATE : 2018.06.26	DRAWN BY : C.C.	
	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**			PAGE : 2 OF 2	CHKD BY : E.C.
	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 : NTF	APRVD BY : G.Y.
				UNIT : mm [INCH]	(Pb)