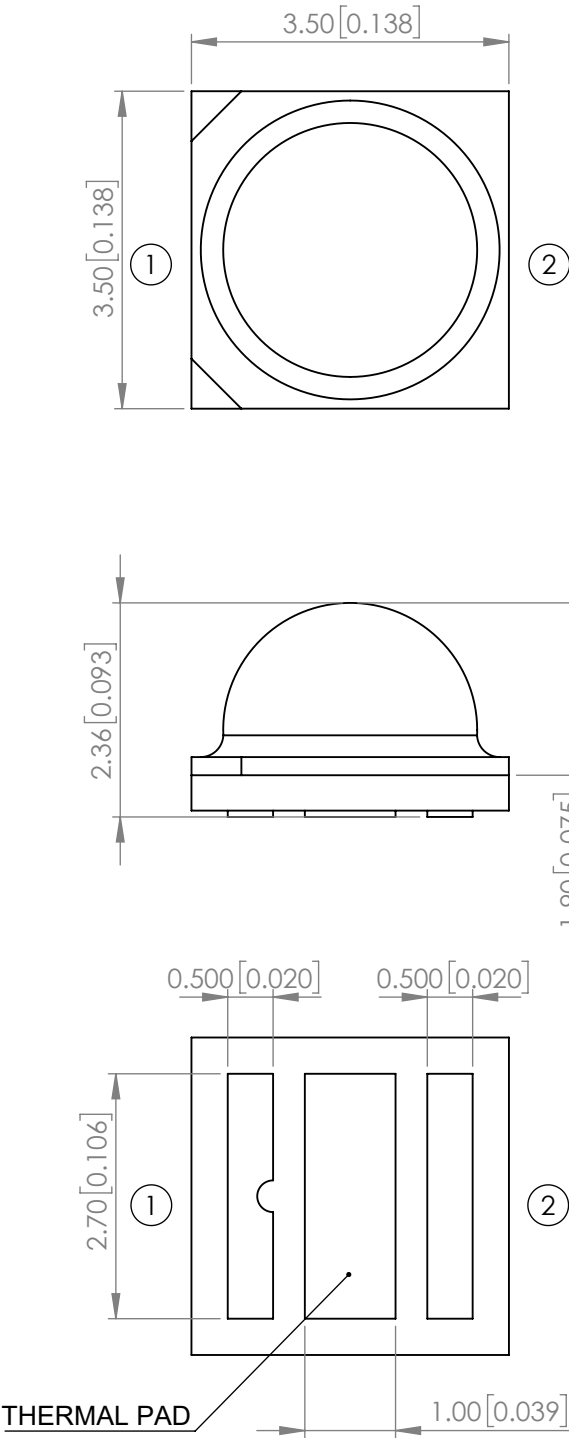


PRELIMINARY

PART NUMBER		OED-9403535C90	REV	X1
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
X1	--			03.10.26



POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	940	-	nm	If=350mA
FORWARD VOLTAGE	-	1.55	-	V	If=350mA
	-	1.85	-		If=700mA
	-	2.00	-		If=1000mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
RADIANT INTENSITY	-	75	-	mW/sr	If=350mA
	-	140	-		If=700mA
	-	185	-		If=1000mA
TOTAL RADIATED INTENSITY	-	165	-	mW	If=350mA
	-	310	-		If=700mA
	-	420	-		If=1000mA
VIEWING ANGLE	-	90	-	2x theta1/2	-
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
FORWARD CURRENT	1500	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION*	1	W
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-40 TO +100	°C

*If=700mA

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 1 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). MIN= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION



2325. KENYON ROAD.
BARTLETT, IL 60103
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

3.50(L)*3.50(W)*2.36(H)mm, SURFACE MOUNT, 940nm INFRARED, WATER CLEAR LENS. TAPE & REEL

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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PAGE : 1 OF 2

CHKD BY : T.S.

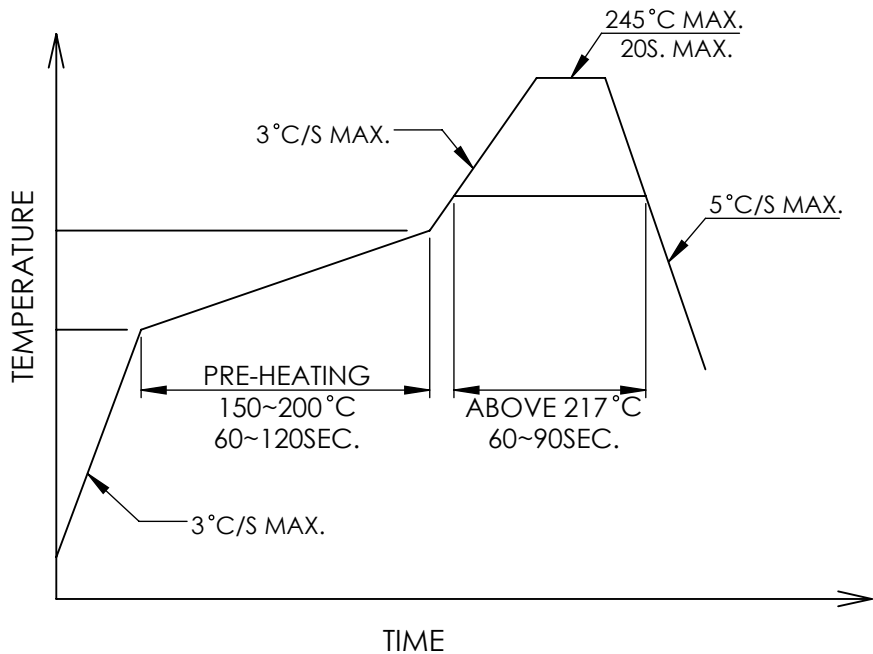
SCALE : NTF

APRVD BY : --

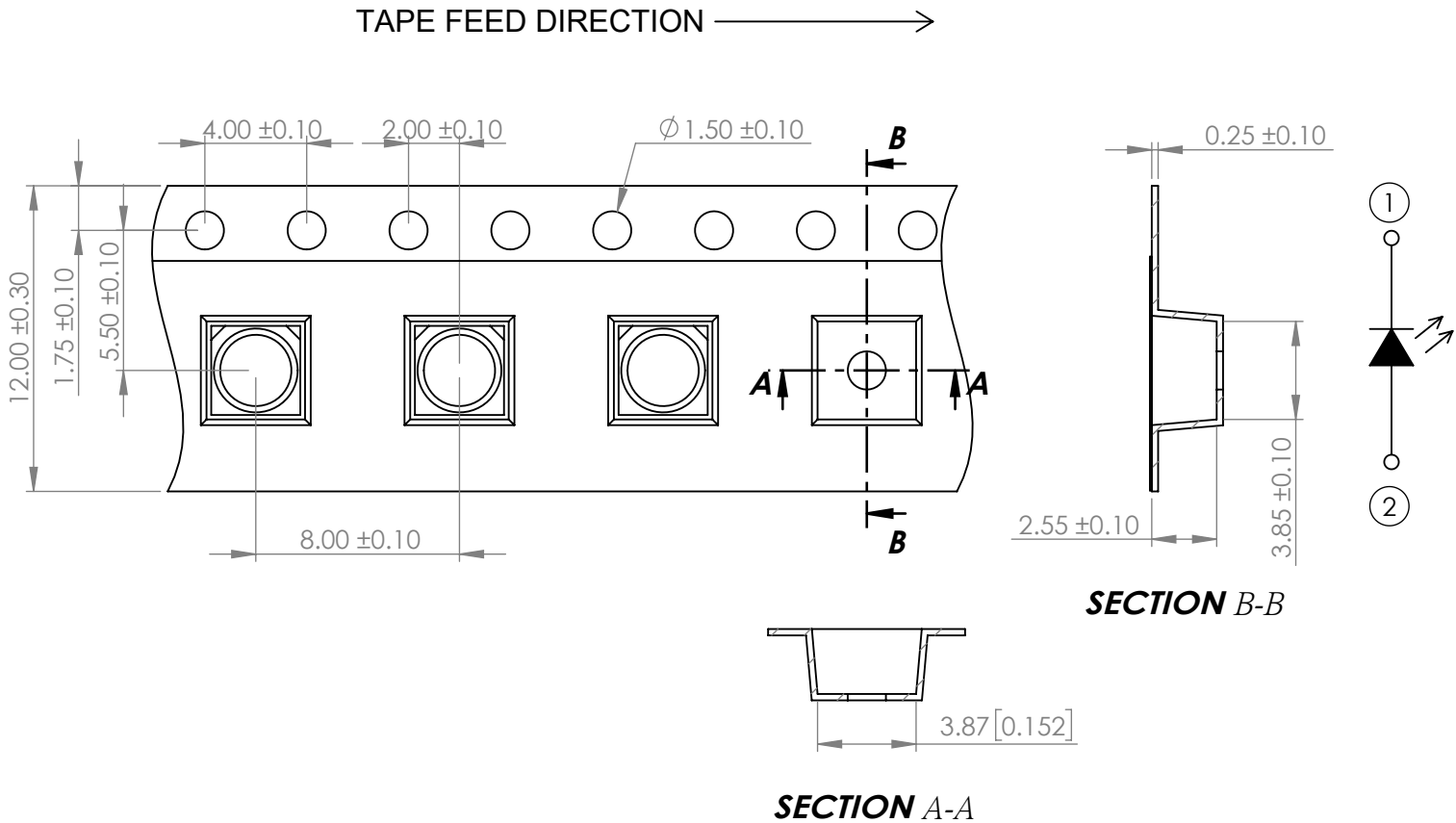
UNIT : mm [INCH]



PROFILE



CARRIER TAPE DIMENSION



NOTE:
1. PACKAGE: 800 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). MIN= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION



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APRVD BY : --

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