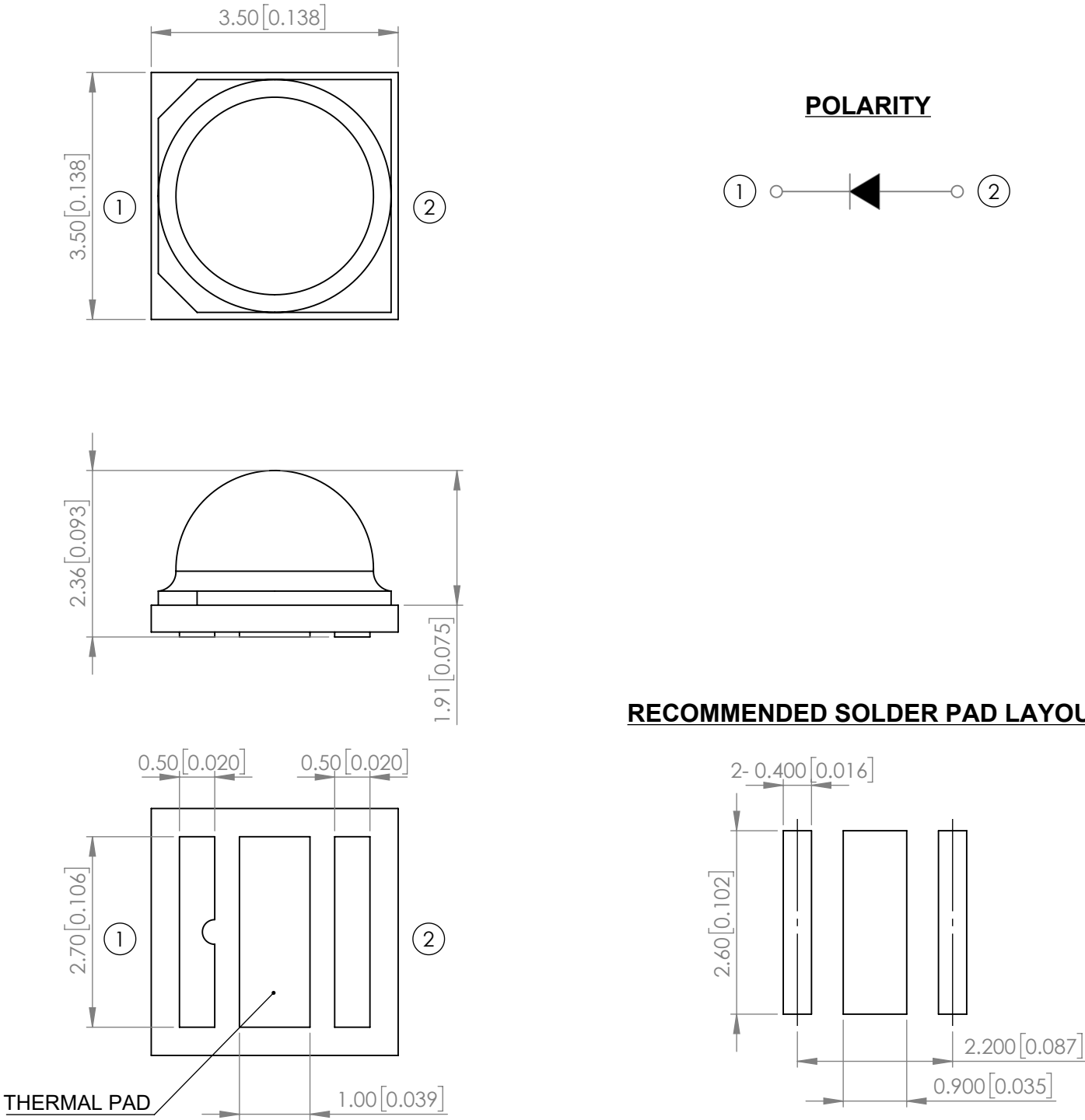


PART NUMBER		OED-8503535C90	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202500054			09.19.25



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	850	-	nm	If=350mA
FORWARD VOLTAGE	-	3.0	-	V	If=350mA
	-	3.3	-		If=700mA
	-	3.5	-		If=1000mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
RADIANT INTENSITY	-	200	-	mW/sr	If=350mA
	-	400	-		If=700mA
	-	560	-		If=1000mA
TOTAL RADIANT INTENSITY	-	500	-	mW	If=350mA
	-	900	-		If=700mA
	-	1300	-		If=1000mA
VIEWING ANGLE	-	90	-	2x theta1/2	-
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	5000	mA
FORWARD CURRENT	1500	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION**	3	W
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-40 TO +100	°C

**PULSE WIDTH<100us, DUTY<1%

**If=700mA

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 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= ^{+DECIMAL PRECISION}_{-0.00} MAX= ^{+0.00}_{-DECIMAL PRECISION}



425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

3.50(L)*3.50(W)*2.36(H)mm, SURFACE MOUNT, 850nm 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.

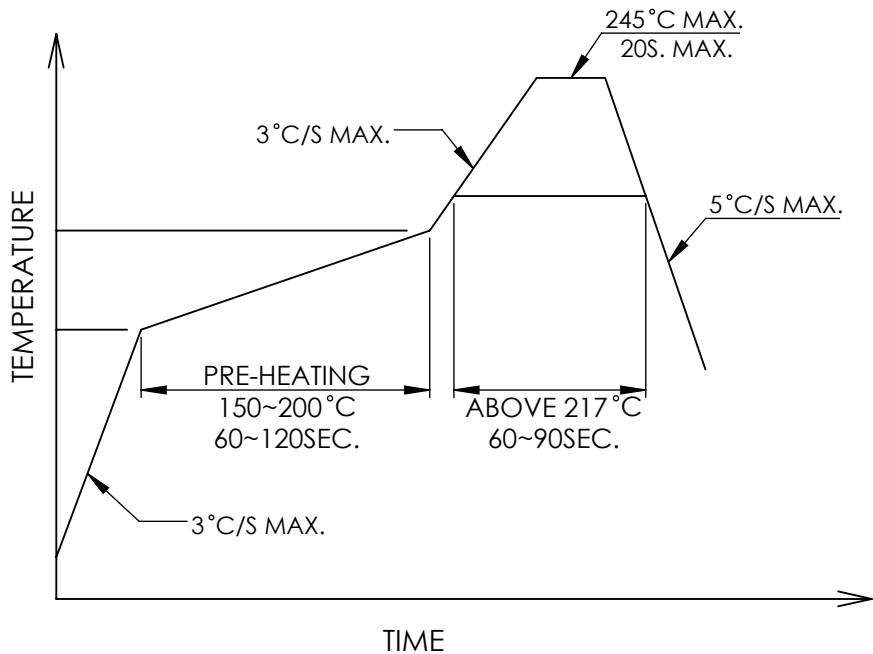
SCALE : NTF

APRVD BY : G.Y.

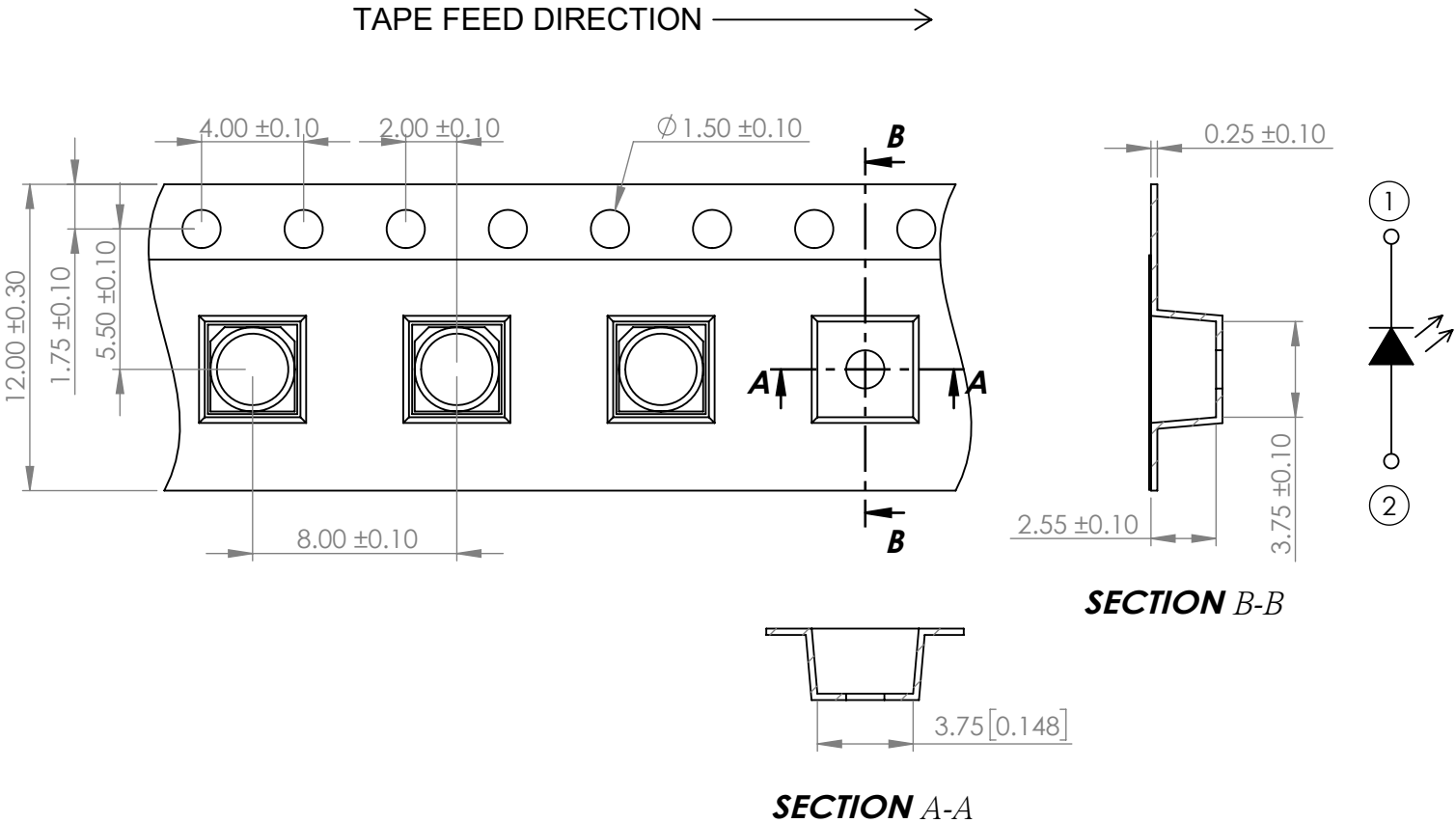
UNIT : mm [INCH]

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PROFILE



CARRIER TAPE DIMENSION



NOTE:
1. PACKAGE: 400 PCS/REEL

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