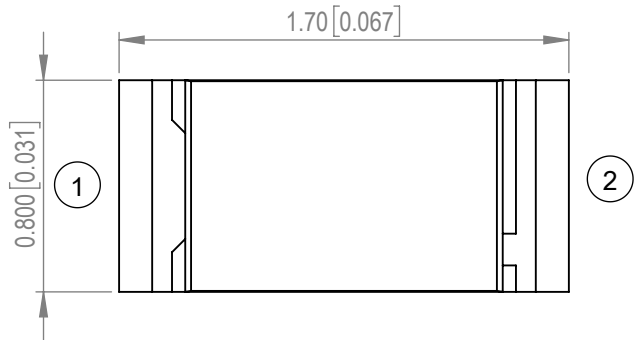
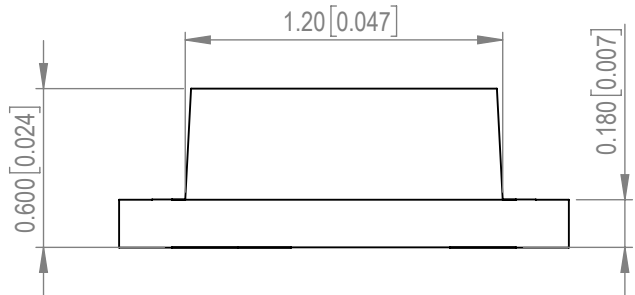
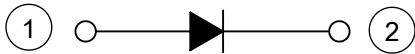


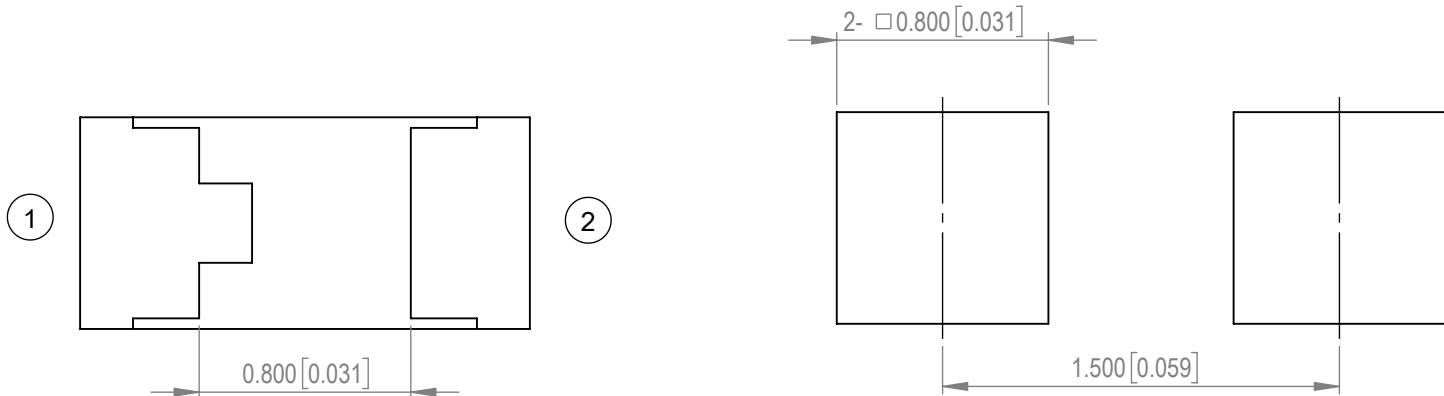
PART NUMBER		OED-10500603C140	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202500047			09.05.25



POLARITY



RECOMMENED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	1050	-	nm	If=20mA
FORWARD VOLTAGE	-	1.1	-	Vf	If=20mA
	-	2.2	-		Ifp=1A*
REVERSE CURRENT	-	-	10	uA	Vr=5V
TOTAL RADIANT INTENSITY	-	6	-	mW	If=20mA
	-	300	-		Ifp=1A*
VIEWING ANGLE	-	140	-	2x theta1/2	-
EPOXY LENS FINISH	WATER CLEAR				

*PULSE WIDTH<100us, DUTY<1%

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
FORWARD CURRENT	50	mA
REVERSE VOLTAGE	10	V
POWER DISSIPATION	55	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-40 TO +85	°C

CAUTION : MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 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 (±0.39), X.X=±0.1 (±0.039), X.XX=±0.05 (±0.0197), X.XXX=±0.03 (±0.012). 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

1.7(L)*0.80(W)*0.60(H)mm, SURFACE MOUNT, 1050nm INFRARED, WATER CLEAR LENS. TAPE & REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE

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DATE : 09.05.25

DRAWN BY : E.C.

PAGE : 1 OF 2

CHKD BY : T.S.

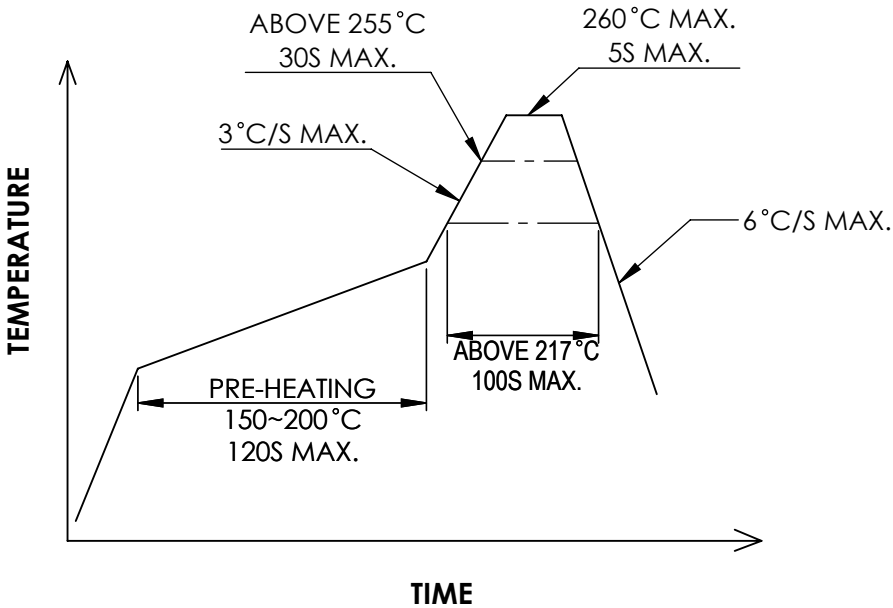
SCALE : NTF

APRVD BY : G.Y.

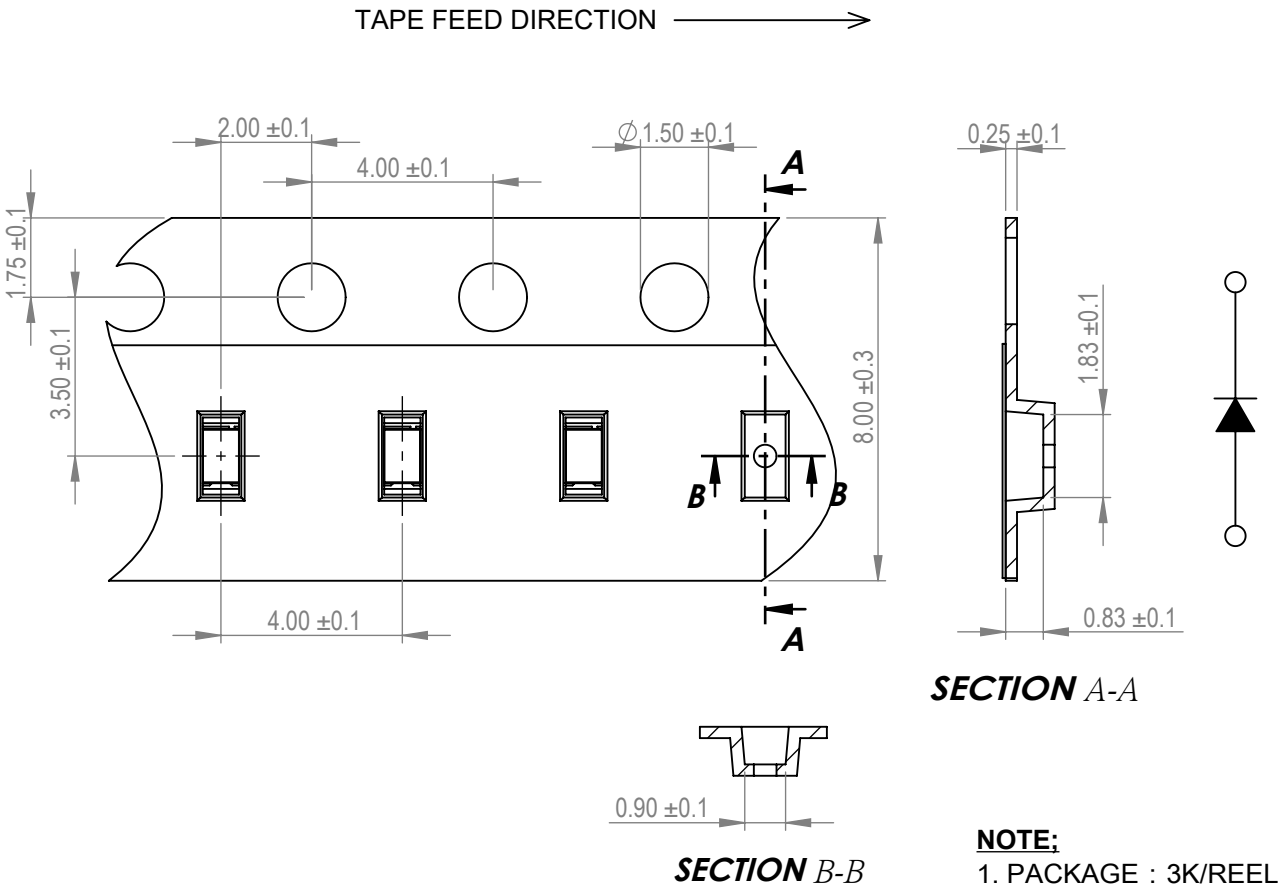
UNIT : mm [INCH]



PROFILE



CARRIER TAPE DIMENSION



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.1 (±0.039), X.XX=±0.05 (±0.0197), X.XXX=±0.03 (±0.012). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION}



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PAGE : 2 OF 2

CHKD BY : T.S.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

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