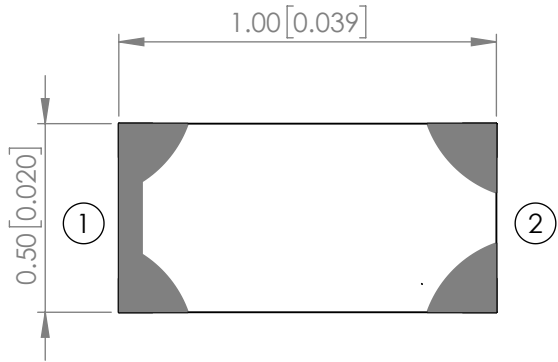


PART NUMBER		OED-9400402C140	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202500060			09.22.25

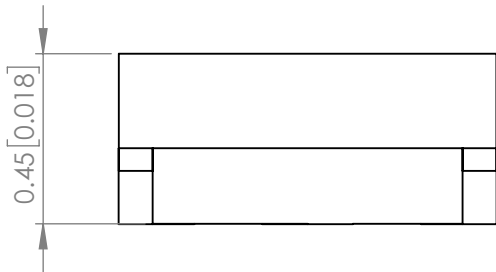


POLARITY

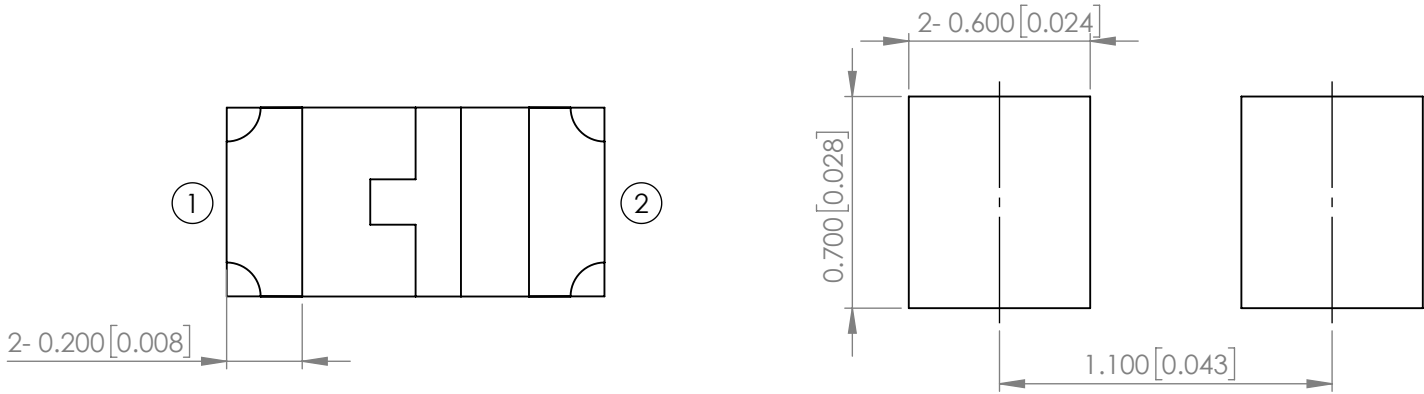


ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	940	-	nm	If=20mA
FORWARD VOLTAGE	-	1.40	1.80		If=20mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
RADIANT INTENSITY	-	2.35	-	mW/sr	If=20mA
VIEWING ANGLE	-	140	-	2x theta1/2	-
EPOXY LENS FINISH	WATER CLEAR				



RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
FORWARD CURRENT	50	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION**	140	W
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-40 TO +100	°C

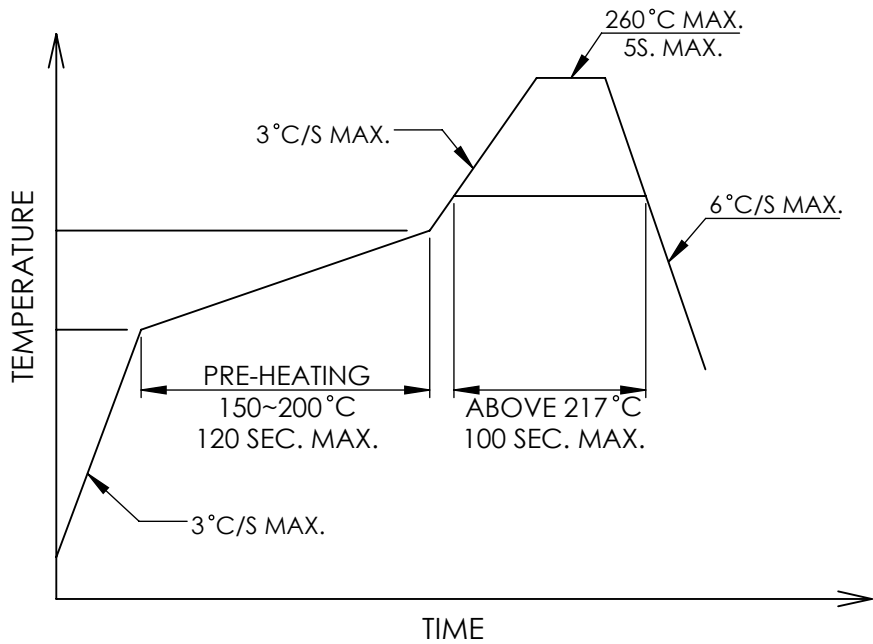
MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

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

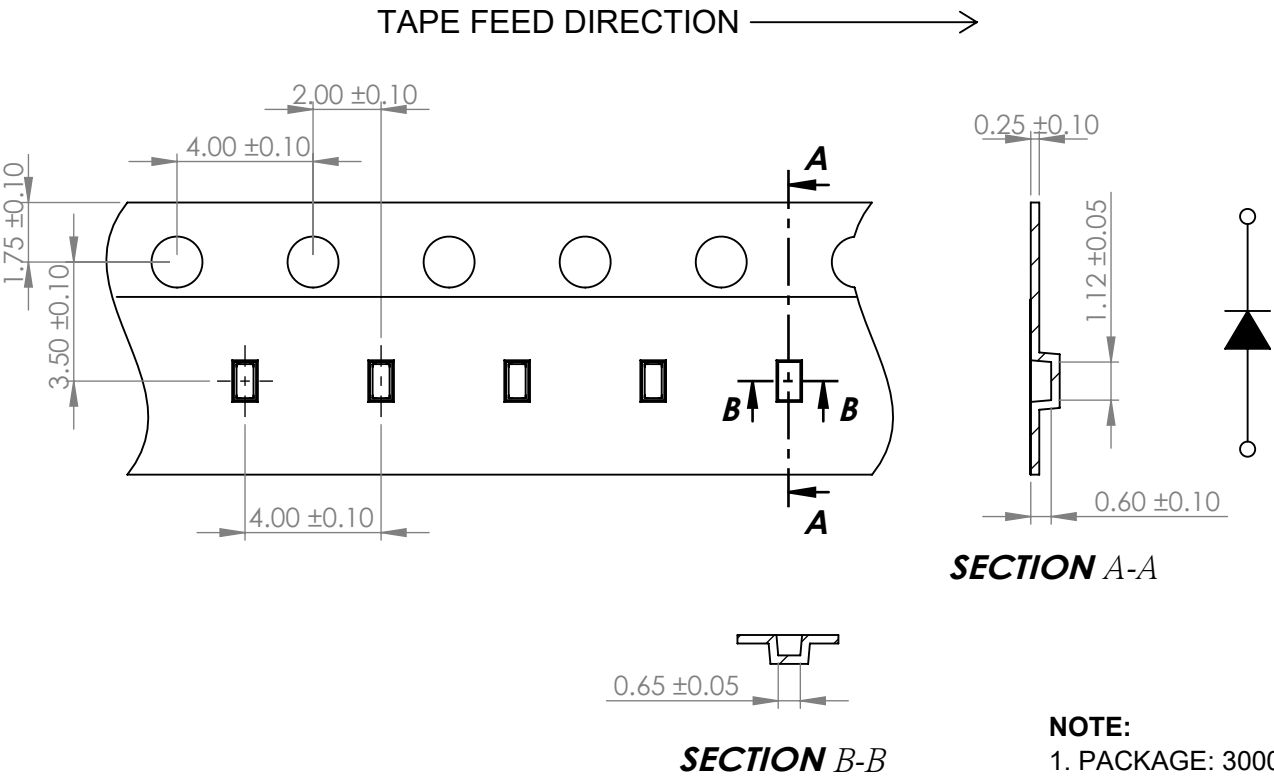
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION}

	425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE : 800-278-5666 FAX : 630-315-2150 WEB : WWW.LUMEX.COM	1.00(L)*0.50(W)*0.45(H)mm, SURFACE MOUNT, 940nm INFRARED, WATER CLEAR LENS. TAPE & REEL		DATE : 2025.09.22	DRAWN BY : E.C.
		THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.		PAGE : 1 OF 2	CHKD BY : T.S.
		CONFIDENTIAL INFORMATION		SCALE : NTF	APRVD BY : G.Y.
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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= ^{+DECIMAL PRECISION}/_{-0.00} MAX.= ^{+0.00}/_{-DECIMAL PRECISION}



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PAGE : 2 OF 2

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SCALE : NTF

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UNIT : mm [INCH]

