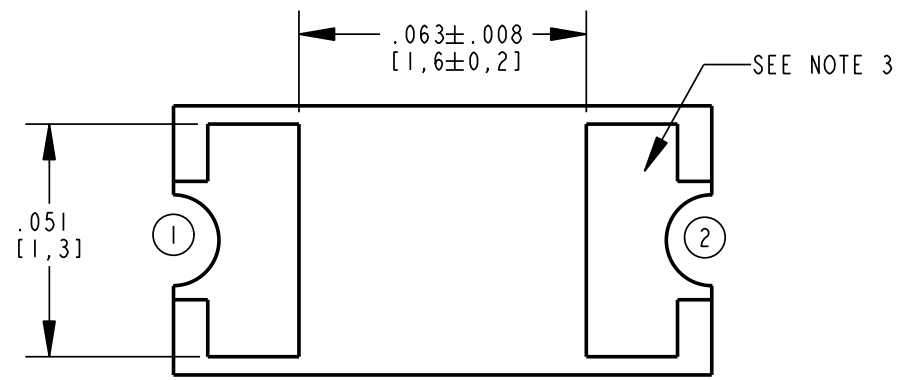
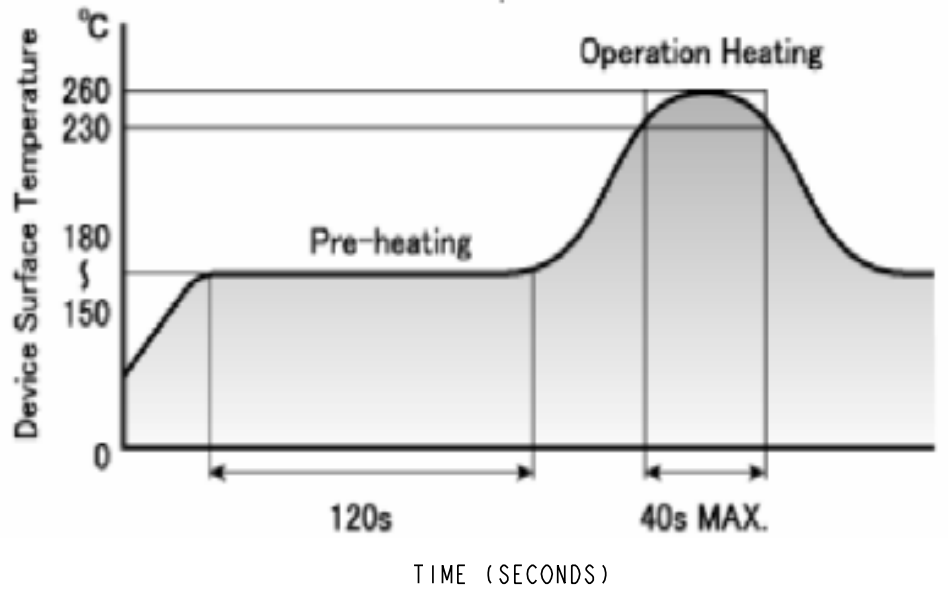
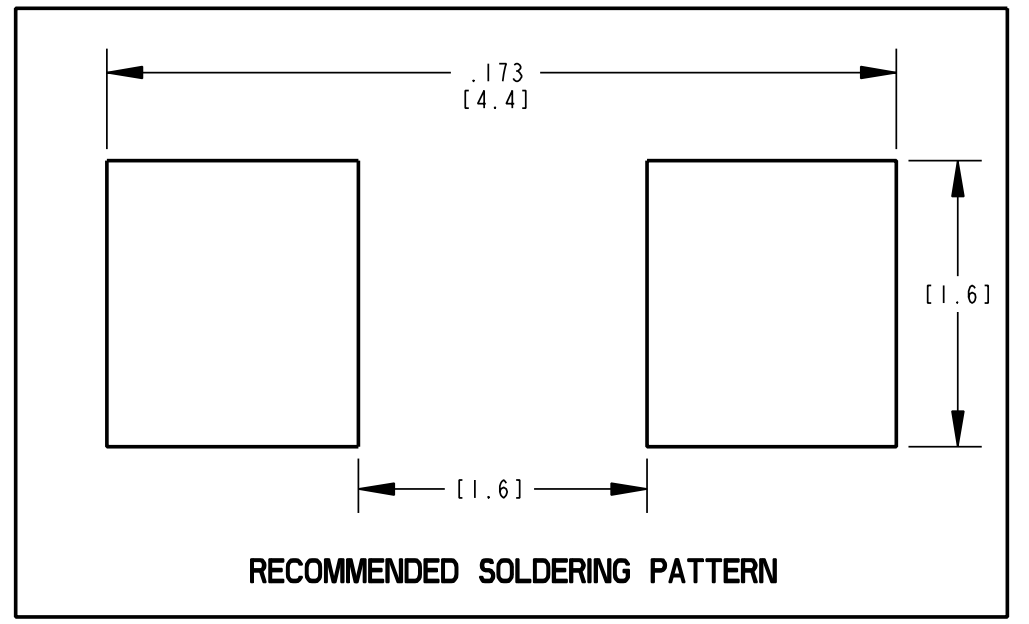
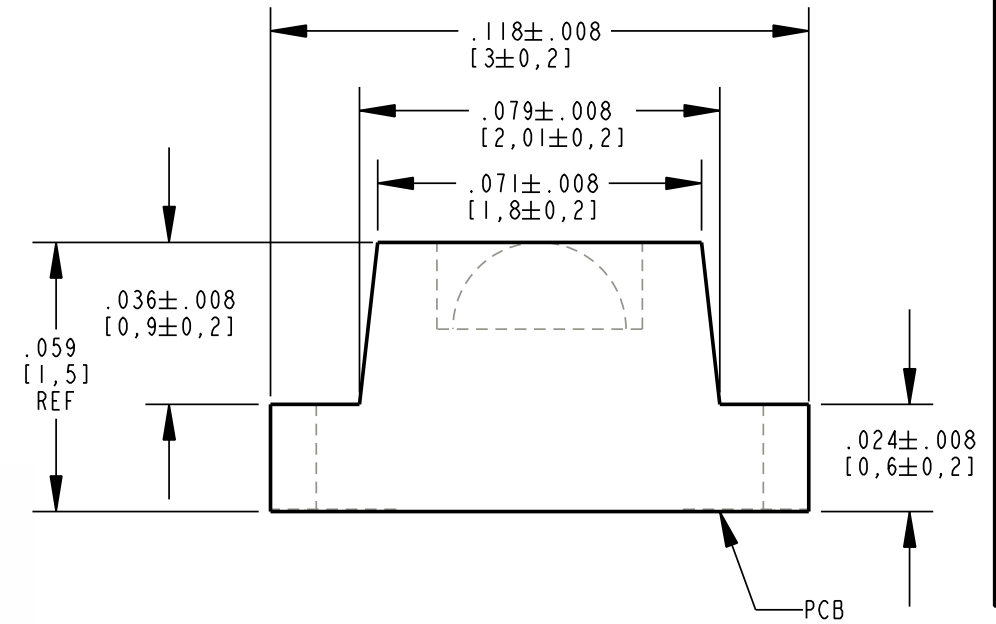
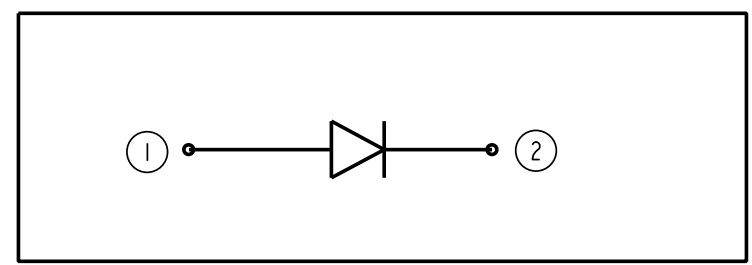
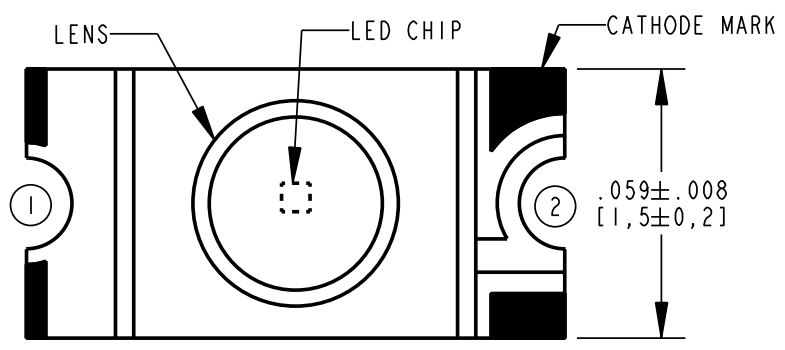


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	TWC			



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES



NOTES:

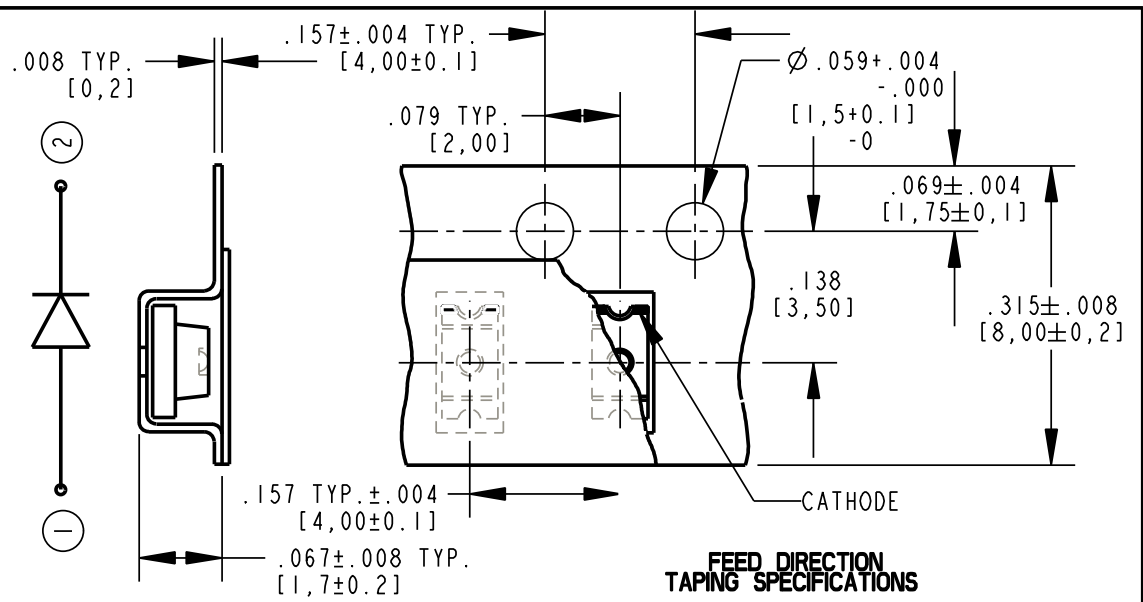
1. DIE InGaN BLUE 470nm
2. EPOXY COLOR: WATER CLEAR
3. LEADS GOLD (Au) PLATED
4. PACKAGING: TAPE 8MM WIDTH 180MM (7") REEL, 2500 PCS./REEL, IN AN ANTI-STATIC BAG WITH MS LEVEL "3" LABEL OR EQUIVALENT AS PER JEDEC STD. J-STD-033
5. PARTS ARE RoHS COMPLIANT AND LEAD-FREE. SOLDERABLE PER REFLOW PROFILE SHOWN. EACH REEL & BAG IS MARKED WITH RoHS COMPLIANT LABEL (P/N 9100-117-0852-99) OR EQUIVALENT.
6. THIS COMPONENT IS AN ELECTROSTATIC DISCHARGE SENSITIVE DEVICE (ESD). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610
7. DIALIGHT P/N 597-3612-407F; -402F FOR 20 PIECE SAMPLE STRIP

OPERATING CHARACTERISTICS AT 25°C AMBIENT

PARAMETER	MIN.	TYP.	MAX.	UNITS	TEST CONDITION
FORWARD VOLTAGE		3.3	3.8	V	I _f = 10 mA
REVERSE CURRENT			100	μA	V _r = 5 V
PEAK WAVELENGTH		465		nm	I _f = 10 mA
LUMINOUS INTENSITY	47		220	mcad	I _f = 10 mA
VIEWING ANGLE		50		DEGREE	2q1/2
DOMINANT WAVELENGTH		470			I _f = 10 mA

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT

PARAMETER	GREEN	UNITS
DC FORWARD CURRENT	20	mA
PEAK FORWARD CURRENT (≤ 1/20 DUTY CYCLE, ≤ 1ms PULSE WIDTH)	48	mA
REVERSE VOLTAGE	5	V
OPERATING TEMPERATURE	-40 TO +100	°C
STORAGE TEMPERATURE	-40 TO +110	°C
POWER DISSIPATION	80	mW
DERATE FROM T _a 60° OR HIGHER	0.96	°C



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SCALE: 24.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17276	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE LED, BLUE, SMT 1206 PKG. W/ LENS RoHS COMPLIANT	MATERIAL
FINISH:	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE: