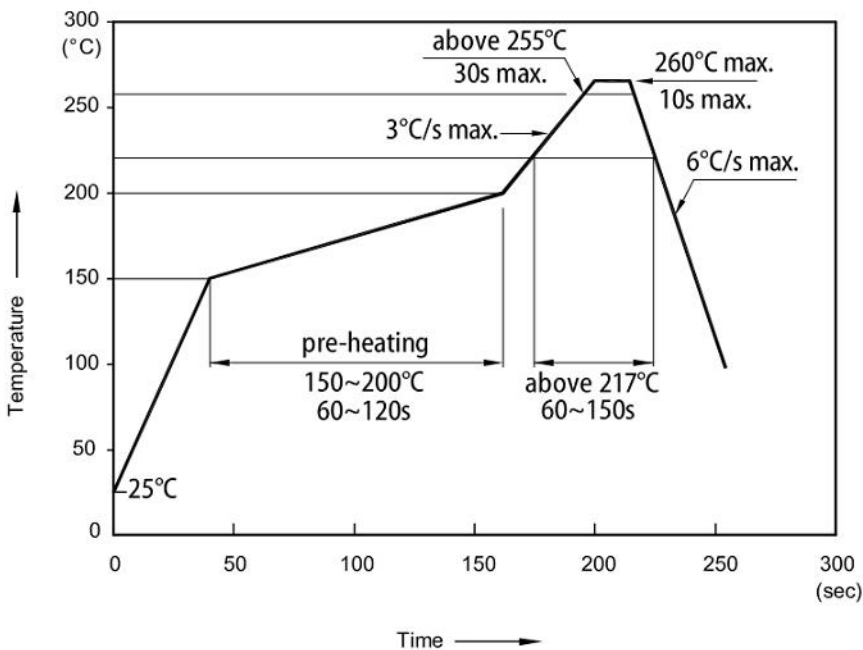
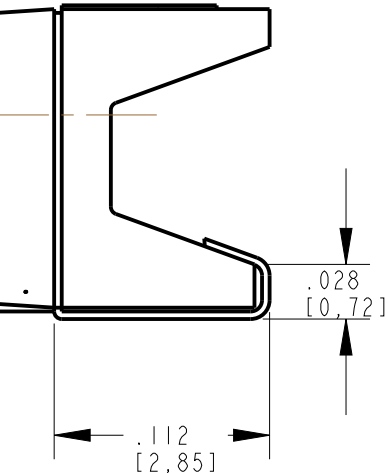
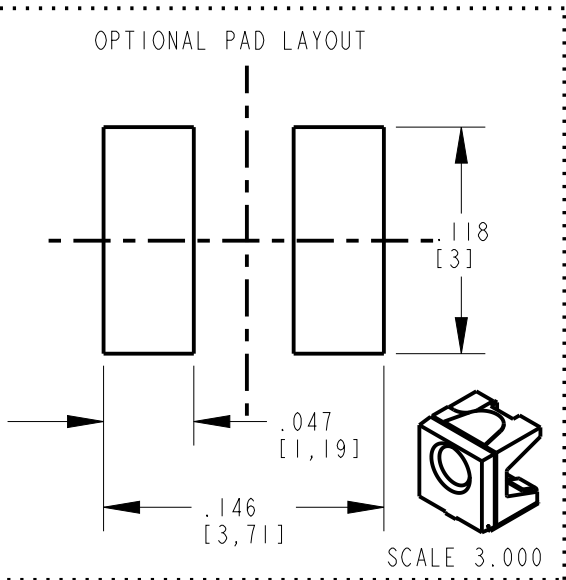
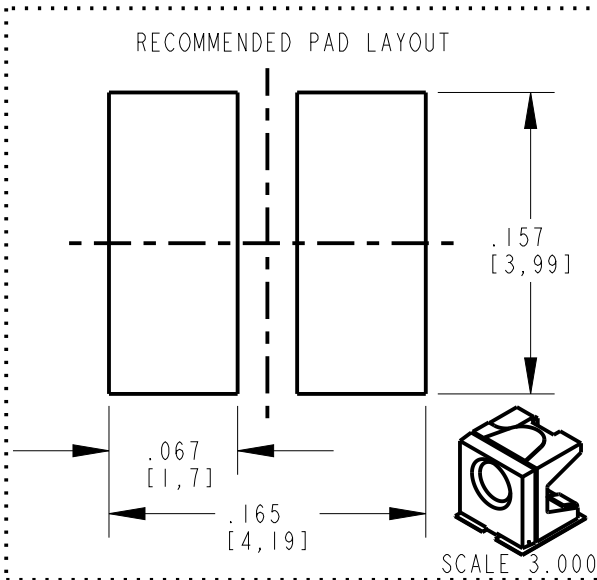
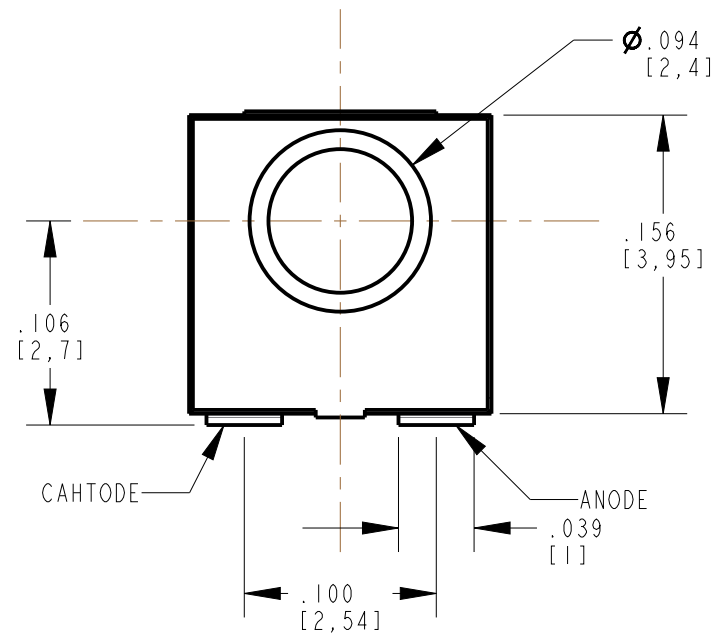
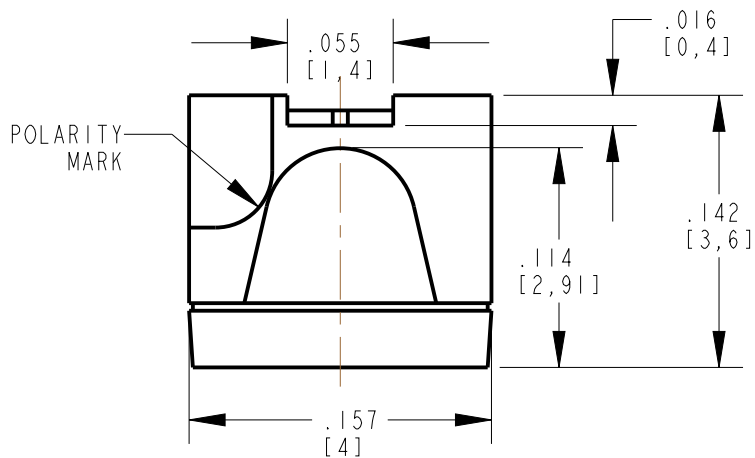
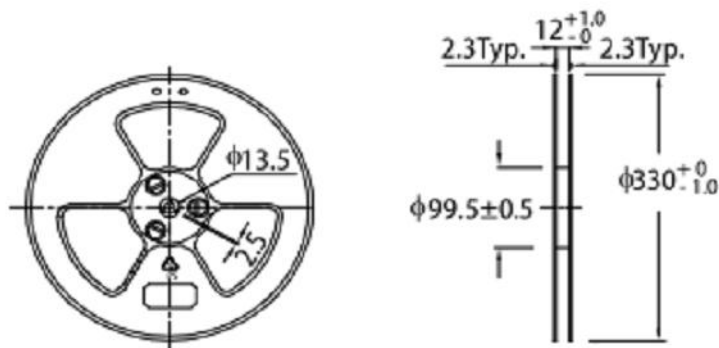


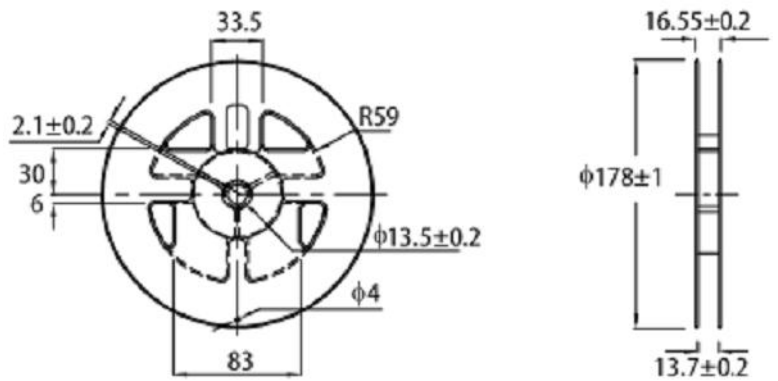
REV	REVISIONS	DRN	CKD	DATE
A	NEW RELEASE	LD	NO	10/01/20



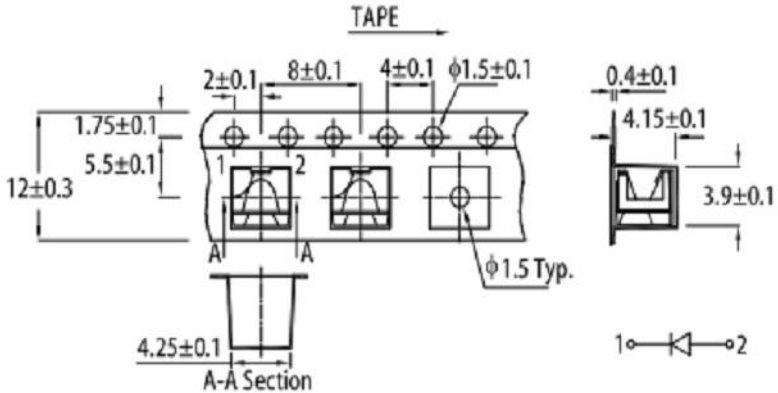
REEL DIMENSION (units : mm)



REEL DIMENSION (units : mm)



TAPE SPECIFICATIONS (units : mm)



OPERATING CHARACTERISTICS AT 25°C AMBIENT

DIALIGHT PART NUMBER	LED COLOR	LED CHIP	IF (mA)	FORWARD VOLTAGE (V)		LUMINOUS INTENSITY (mcd)		REVERSE CURRENT mA @VR=4V	PEAK WAVELENGTH (nm)	VIEWING ANGLE (DEGREES)
				TYP	MAX	MIN	TYP			
597-2321-816NF, 819NF	GREEN	InGaP	20	3.3	4.0	500	800	50	515	120
597-2601-817NF, 820NF	BLUE			3.3	4.0	80	220	50	460	

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT

	GREEN	BLUE	UNITS
POWER DISSIPATION	103	120	mW
CONTINUOUS FORWARD CURRENT	25	30	mA
PEAK FORWARD CURRENT (1ms PULSE WIDTH, 1/5 DUTY CYCLE)	150	150	mA
REVERSE VOLTAGE	5		V
OPERATING TEMPERATURE	-40 TO +85		°C
STORAGE TEMPERATURE	-40 TO +85		°C
JUNCTION TEMPERATURE	115		°C
ELECTROSTATIC DISCHARGE THRESHOLD (HBM)	450		V

NOTES:

- EPOXY COLOR: WATER CLEAR.
- PARTS TO BE TAPED AND REELED PER EIA-RS-481-1 SPEC.
- 597-2321-816NF TO BE SUPPLIED 2000 PIECES PER REEL (13" DIA)
597-2601-817NF TO BE SUPPLIED 500 PIECES PER REEL (7" DIA)
597-2601-820NF & 597-2321-819NF TO BE SUPPLIED IN 20 PCS STRIP
- LABELING: REELS TO BE IDENTIFIED WITH DIALIGHT P/N, QUANTITY, DATE CODE, AND INTENSITY BIN CATEGORY.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- MOISTURE SENSITIVITY LEVEL IS 3

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DIALIGHT CORP. INTERNAL REFERENCE ONLY - 3D MODEL : X-A-1			
SCALE: 15.000		DRAWING NUMBER	REV
ALL DIM's: INCH (mm)			
TOLERANCES: UNLESS OTHERWISE SPECIFIED		C18485	A
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°			
FINISH		TITLE	
-		SM 1616 RT ANGLE	
FSCM 83330		MATERIAL	
		-	
		Dialight	
		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
SHEET 1 OF 1		FAMILY TABLE:	

Mouser Electronics

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