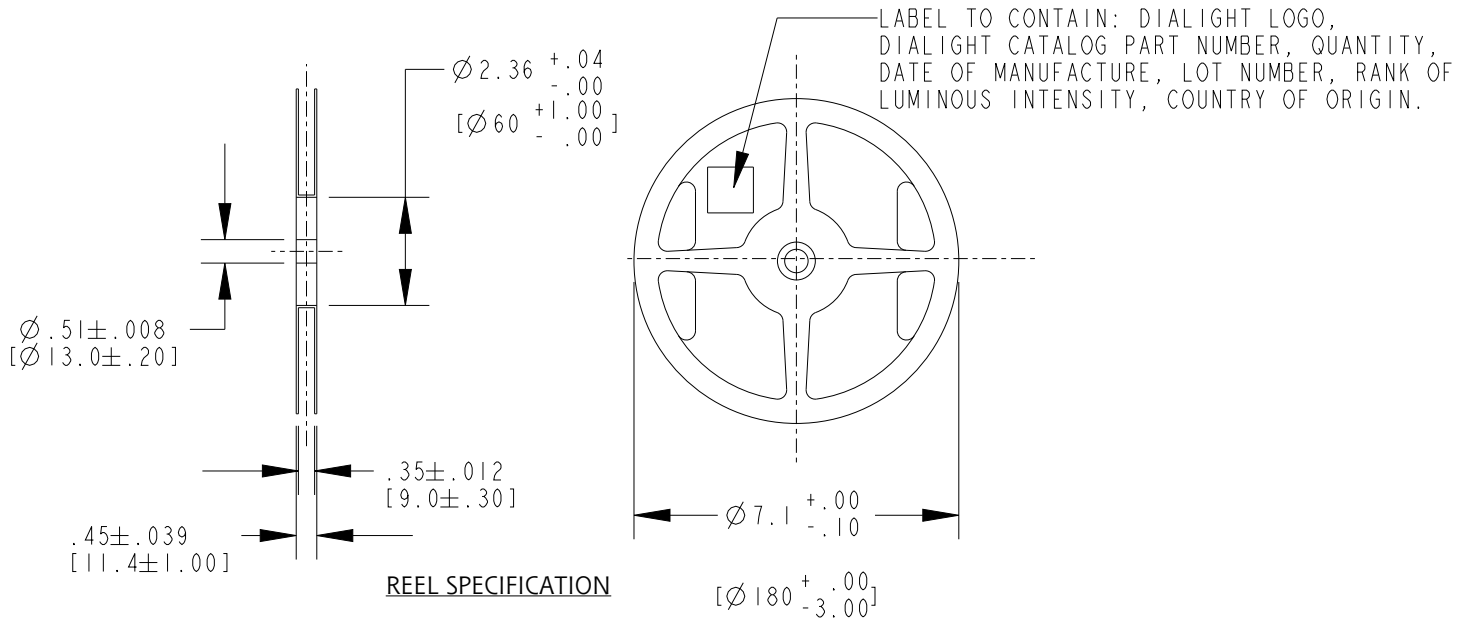
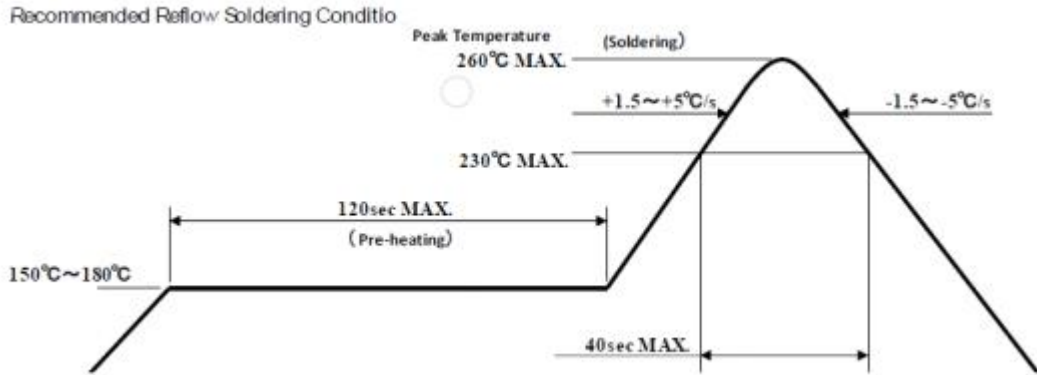
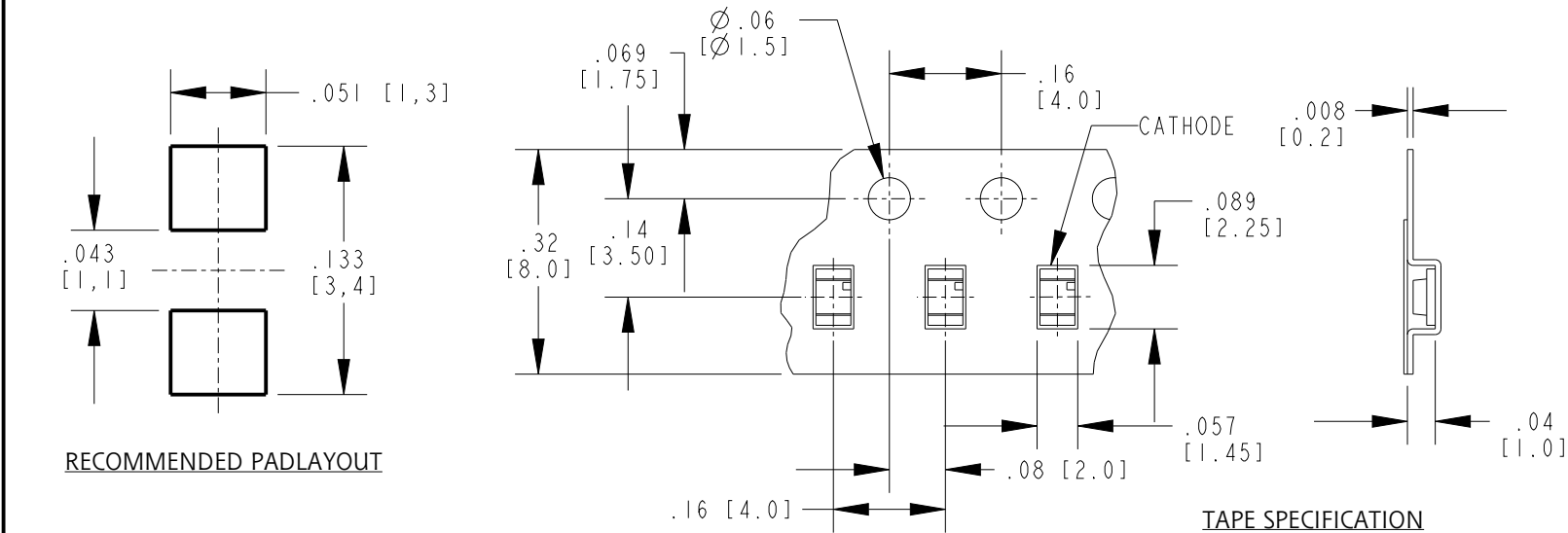
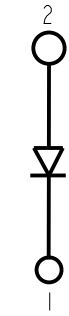
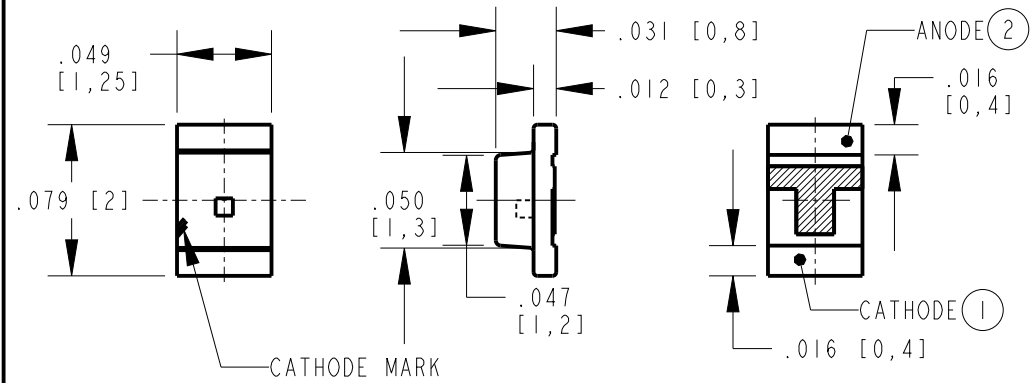


DIALIGHT PART NUMBER	LED CHIP MATERIAL	COLOR	EPOXY COLOR
597-3222-407NF	AlGaInP	YELLOW	WHITE DIFFUSED
597-3222-402NF			
597-3003-407NF	AlGaInP	RED	
597-3003-402NF			

- NOTES:
- PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
 - LABELING FOR REEL AND OUTSIDE OF ALUMINUM BAG, DIALIGHT P/N, QUANTITY PER REEL, DATE CODE, INTENSITY BIN CODE, LOT NUMBER AND COUNTRY OF ORIGIN.
 - THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS TO BE MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE.
 - MOISTURE SENSITIVITY LEVEL 3.
 - QUANTITY : PART NUMBER END WITH 407NF REFER AS 4000 PCS/ REEL
PART NUMBER END WITH 402NF REFER AS 20 PCS/ STRIP

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	107518	NEW RELEASE	JSG	CS	NO	07JUL23



ABSOLUTE MAXIMUM RATINGS AT 25°C							
LED COLOR	POWER DISSIPATON (mW)	FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	OPERATING TEMPRATURE (°C)	STORAGE TEMPRATURE (°C)	DERATE LINEARLY FROM 75°C (mA/°C)	ELECTROSTATIC DISCHARGE "HBM" (V)
YELLOW	78	30	100	-40°C TO +100°C	-40°C TO +105°C	1.00	1000
RED	78	30	(PULSE WIDTH 1ms, 1/20 DUTY)				

OPERATING CHARACTERISTICS AT 25°C AMBIENT													
LED COLOR	TEST CONDITION (mA)	LUMINOUS INTENSITY (mcd)			FORWARD VOLTAGE (V)		DOMINANT WAVELENGTH (nm)			REVERSE CURRENT (uA)	VIEWING ANGLE (DEGREES)	THERMAL RESISTANCE Rth(j-a) (°C/W)	JUNCTION TEMP. Tj (°C)
	TYP	MIN	TYP	MAX	TYP	MAX	MIN	TYP	MAX	MAX	TYP	TYP	MAX
	YELLOW	20mA	68	91	120	1.9	2.4	586	590	592	10μA @ VR=5V	140	550
RED	68		91	120	1.9	2.4	620	626	632	140		550	105



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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DIALIGHT CORP INTERNAL REFERENCE ONLY = 3D MODEL : 45005973XXX47NF- .1			
SCALE: 10.000		DRAWING NUMBER	
ALL DIM's: INCH (mm)		REV	
TOLERANCES: UNLESS OTHERWISE SPECIFIED		A	
FRACTIONS: ±1/64		TITLE	
DECIMALS (.XX): ±.01		0805 SMD LED	
DECIMALS (.XXX): ±.005		MATERIAL	
DECIMALS (.XXXX): ±.0005		-	
ANGLES: ±1°			
FINISH			
-		Dialight	
FSCM 83330		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
SHEET 1 OF 1		FAMILY TABLE:	

Mouser Electronics

Authorized Distributor

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Dialight:

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