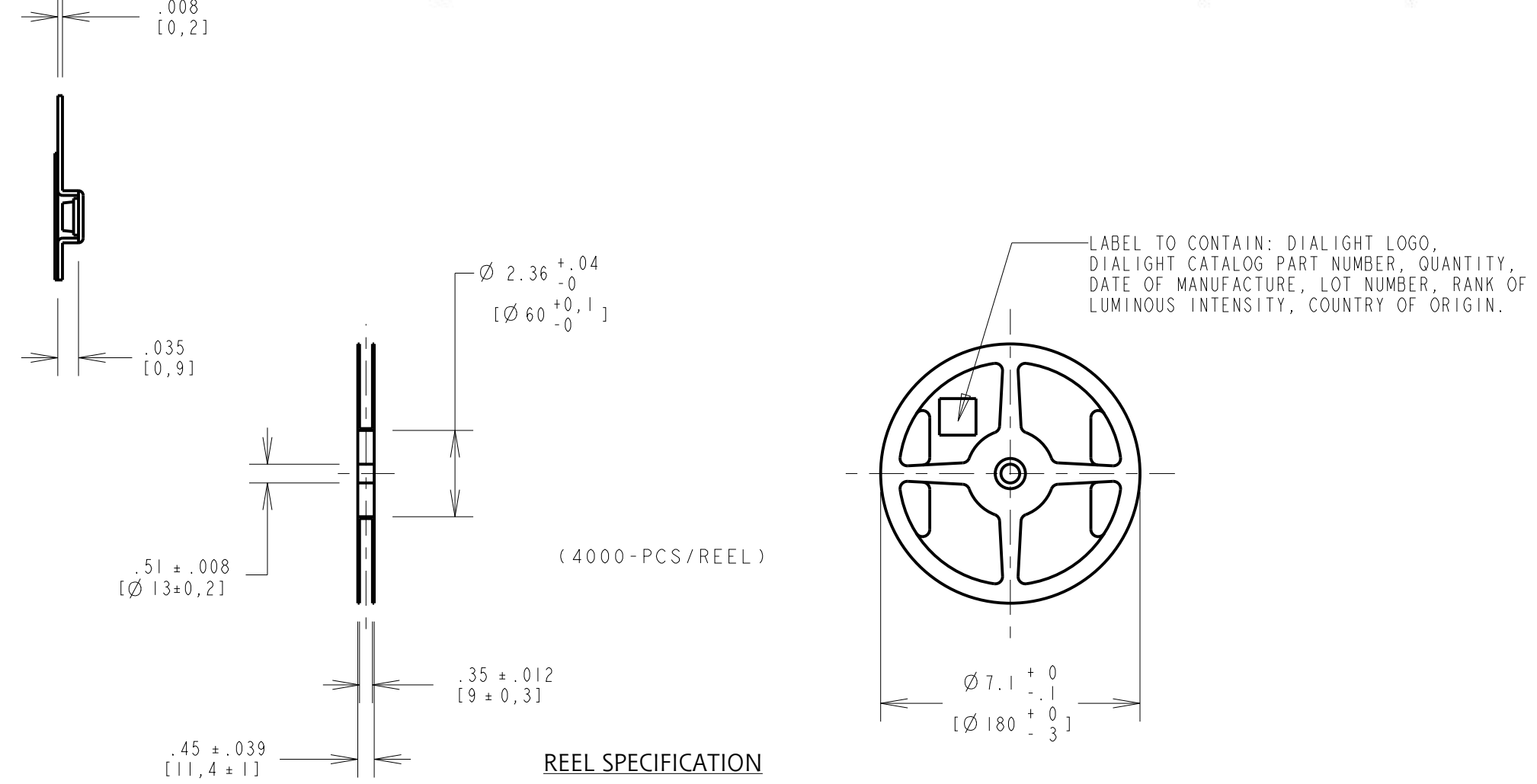
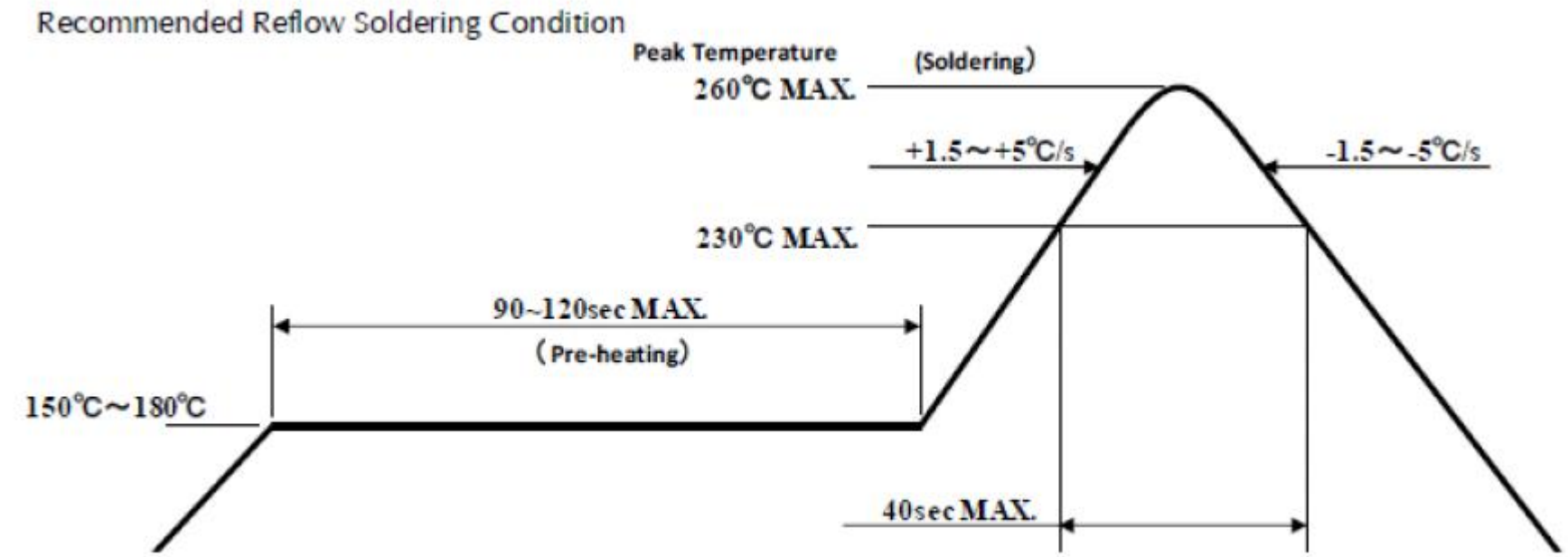
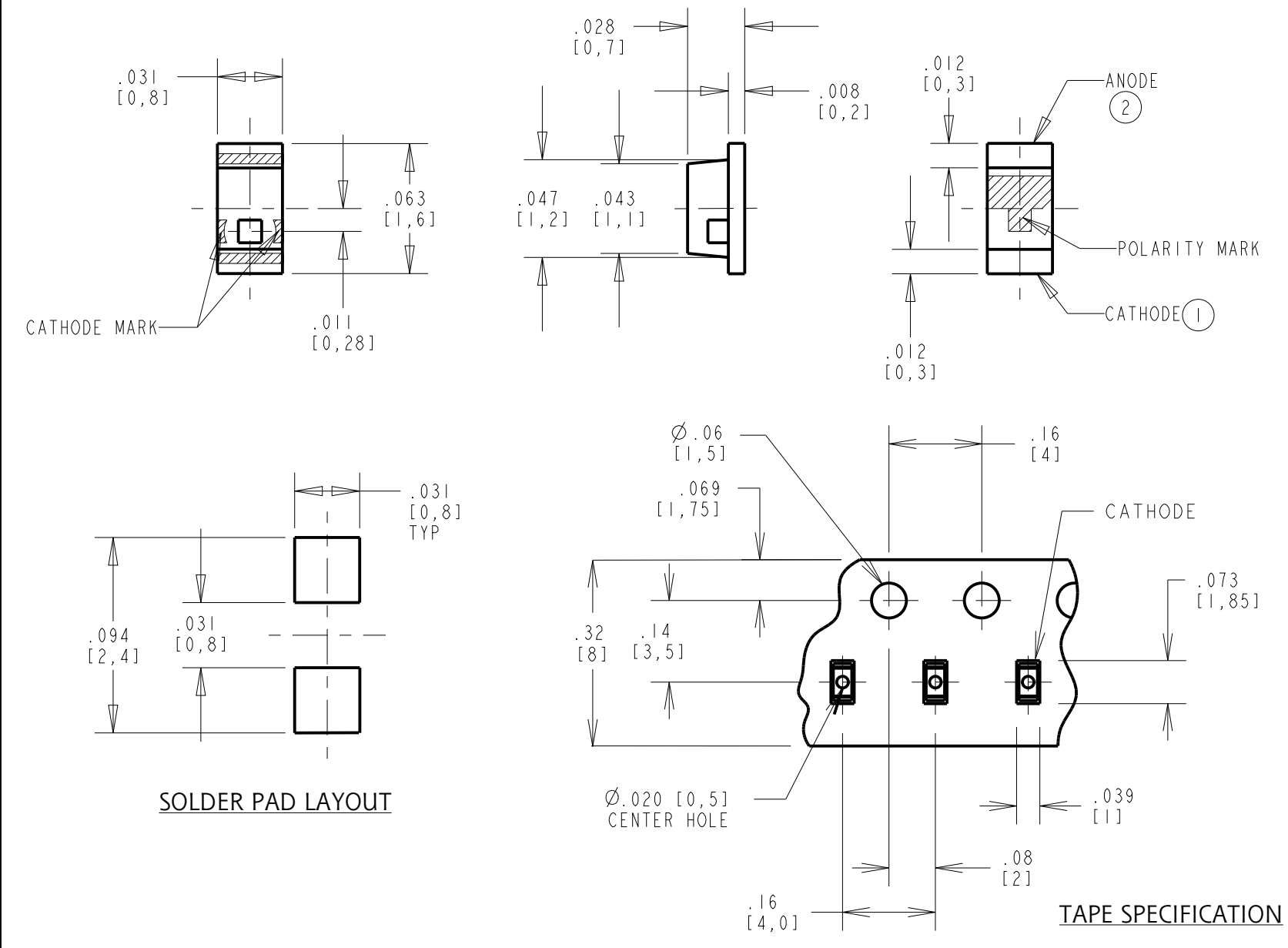


DIALIGHT PART NUMBER	LED CHIP MATERIAL	COLOR	EPOXY COLOR
597-5004-407NF	AlGaInP	RED	WHITE DIFFUSED
597-5004-402NF		ORANGE	
597-5213-407NF	AlGaInP	ORANGE	
597-5213-402NF		YELLOW	
597-5223-407NF	AlGaInP	YELLOW	
597-5223-402NF		YELLOW-GREEN	
597-5412-407NF	AlGaInP	YELLOW-GREEN	
597-5412-402NF			

NOTES:
 1. PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
 2. 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.
 3. THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS TO BE MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE.
 4. MOISTURE SENSITIVITY LEVEL 3.
 5. 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	NO	CS	07JUL23



ABSOLUTE MAXIMUM RATINGS AT 25°C						
LED COLOR	POWER DISSIPATION (mW)	FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	OPERATING TEMPERATURE (°C)	STORAGE TEMPERATURE (°C)	DERATE LINEARLY FROM 75°C (mA/°C)
RED	78	30	100 (PULSE WIDTH 1ms, DUTY 1/20)	-40°C TO +100°C	-40°C TO +105°C	1.00
ORANGE	78	30				1.00
YELLOW	78	30				1.00
YELLOW-GREEN	78	30				1.00

OPERATING CHARACTERISTICS AT 25°C AMBIENT													
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 (°C)
TYP	MIN	TYP	MAX	TYP	MAX	MIN	TYP	MAX	MAX	TYP	TYP	MAX	
20mA	68	91	120	1.9	2.4	620	626	632	10uA @ VR=5V	140	550	105	
	82	110	150	1.9	2.4	603	605	609		140	550	105	
	56	75	100	1.9	2.4	586	590	592		140	550	105	
	33	43	56	1.9	2.4	570	572	576		140	550	105	

ATTENTION:
 OBSERVE PRECAUTIONS FOR
 HANDLING ELECTROSTATIC
 SENSITIVE DEVICES

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DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL = MODEL NAME-A-2

SCALE: DRAWING SCALE	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-18699	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	0603 SMD LED	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005		
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		

FINISH: -

FSCM 83330

Dialight 1501 ROUTE 34 SOUTH, FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com

SHEET 1 OF 1 FAMILY TABLE: