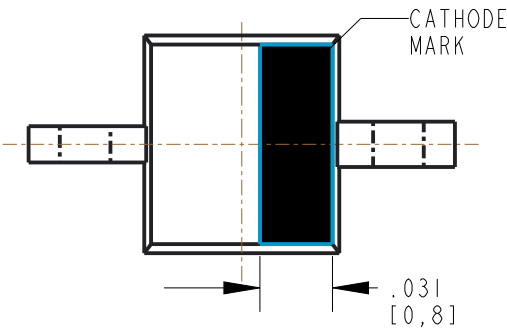
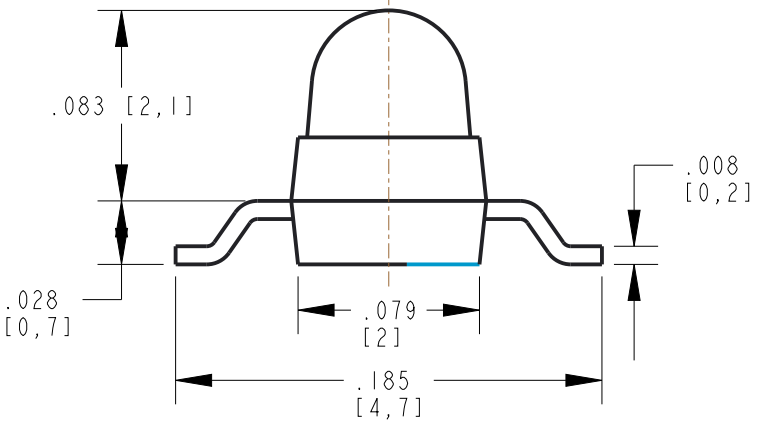
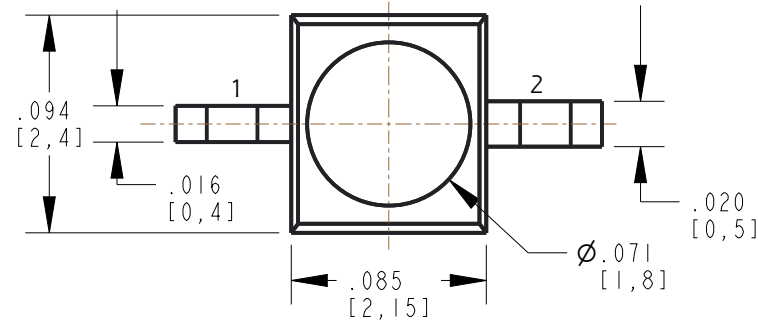


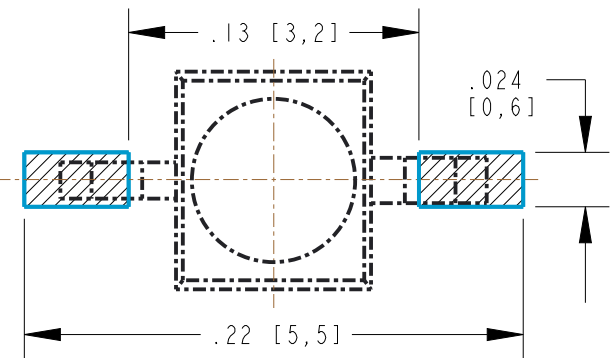
DIALIGHT PART NO.	LED COLOR	LENS COLOR
521-8754F	WHITE	YELLOW TRANSPARENT

- NOTES:
- PARTS ARE TO BE SUPPLIED IN 16mm CARRIER TAPE ON 7" REEL
1500 PCS PER REEL.
 - PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
 - THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.
 - 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 IS 1.

REV	ECN NO	REVISIONS	DRN	CKD	DATE
A	121970	NEW RELEASE	LD	CS	9-17-24
B	126225	REVISED NOTE 5, MSL WAS 2	LD	CS	1-9-25

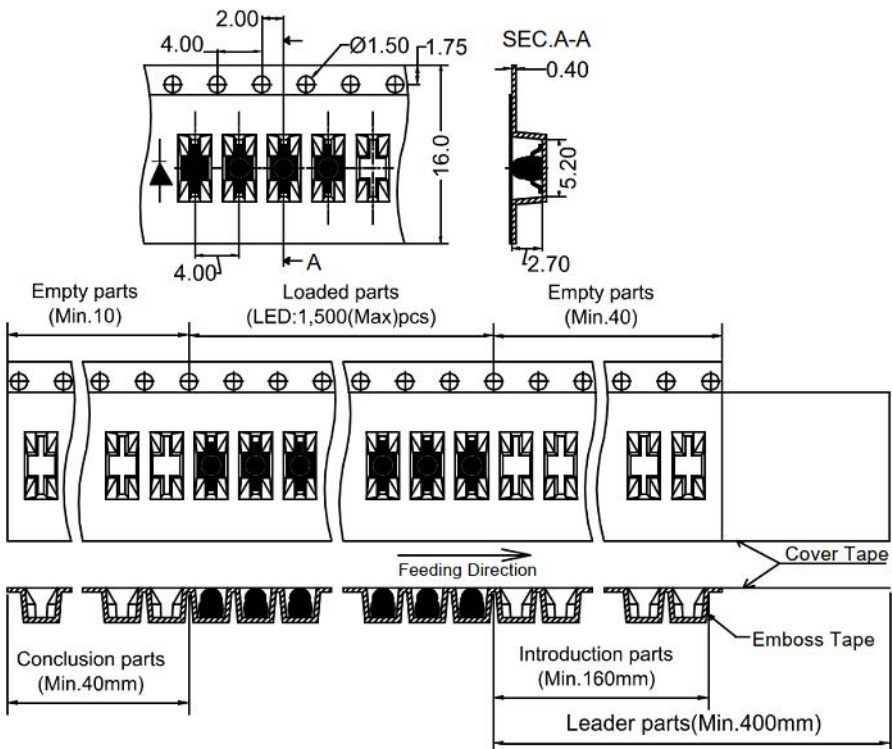


LED SCHEMATIC



RECOMMENDED PAD LAYOUT

TAPE DIMENSION (mm)

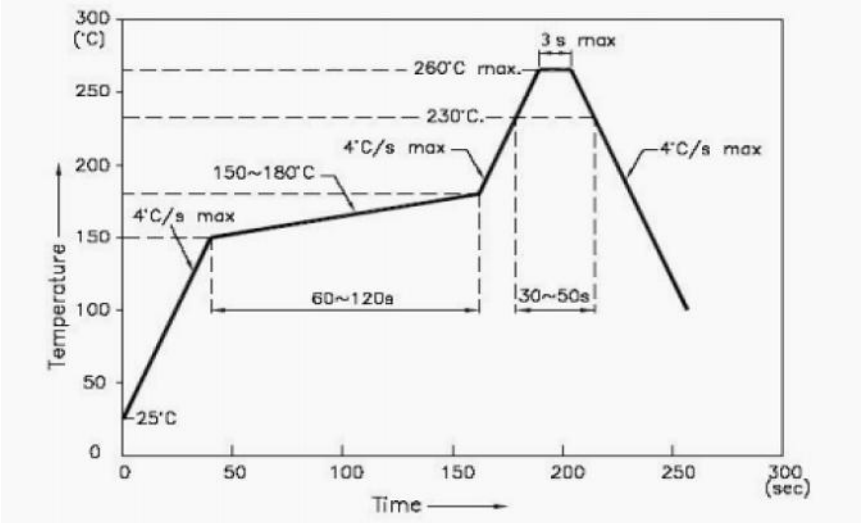


ABSOLUTE MAXIMUM RATINGS AT 25°C						
LED COLOR	POWER DISSIPATON (mW)	FORWARD CURRENT (mA)	PEAK FORWARD CURRENT *(mA)	REVERSE VOLTAGE (V)	OPERATING TEMPERATURE (°C)	STORAGE TEMPERATURE (°C)
WHITE	111	30	125	5	-40 TO +80	-40 TO +85

*PEAK FORWARD CURRENT : DUTY 1/8 @1KHz

ELECTRICAL OPTICAL CHARACTERISTICS AT 25°C										
LED COLOR	TEST CONDITION	LUMINOUS INTENSITY (mcd)			CHROMATICITY COORDINATES		FORWARD VOLTAGE (V)		REVERSE CURRENT (uA)	VIEWING ANGLE (DEG)
		MIN.	TYP.	MAX.	TYP.	TYP.	MIN.	MAX.		
WHITE	I _F (mA)	160	350	700	0.292	0.281	2.8	3.7	10@5V	165

RECOMMENDED RoHS SOLDER PROFILE



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL : 4500521875430-.1										
SCALE: 12.000		DRAWING NUMBER				REV				
ALL DIM's: INCH (mm)		C-18783				B				
TOLERANCES: UNLESS OTHERWISE SPECIFIED		TITLE				1.9mm GULL WING WHITE LED				
FRACTIONS: ±1/64		MATERIAL				—				
DECIMALS (.XX): ±.01		FINISH				—				
DECIMALS (.XXX): ±.005		FSCM				83330				
DECIMALS (.XXX): ±.0005		SHEET				1 OF 1				
ANGLES: ±1°		FAMILY TABLE:								