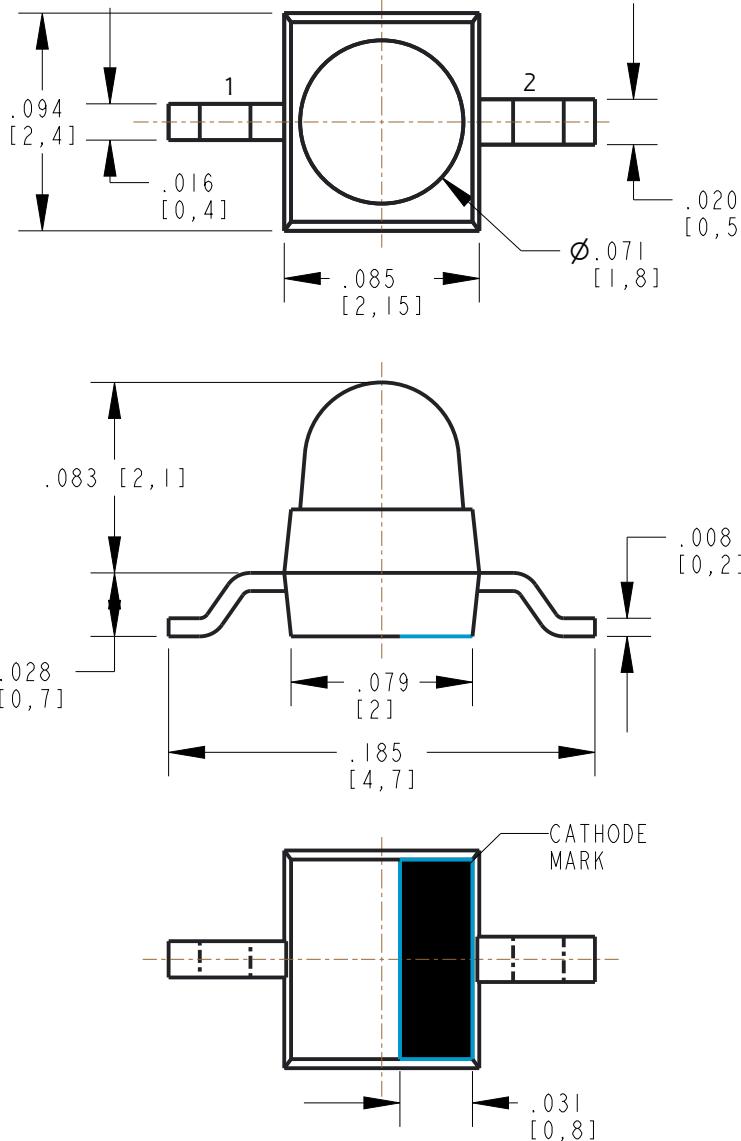


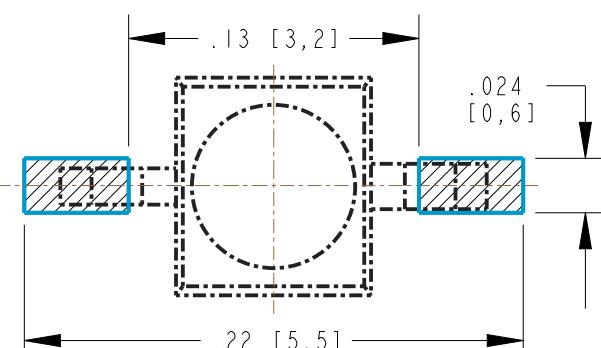
DIALIGHT PART NO.	LED COLOR	LENS COLOR
521-8754F	WHITE	YELLOW TRANSPARENT

NOTES:

1. PARTS ARE TO BE SUPPLIED IN 16mm CARRIER TAPE ON 7" REEL  
1500 PCS PER REEL.
2. PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT  
ON PART.
3. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES  
(ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING  
AND STORAGE IN ACCORDANCE WITH IPC-A-610.
4. THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS TO BE MARKED WITH RoHS  
COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE.
5. MOISTURE SENSITIVITY LEVEL IS 1.

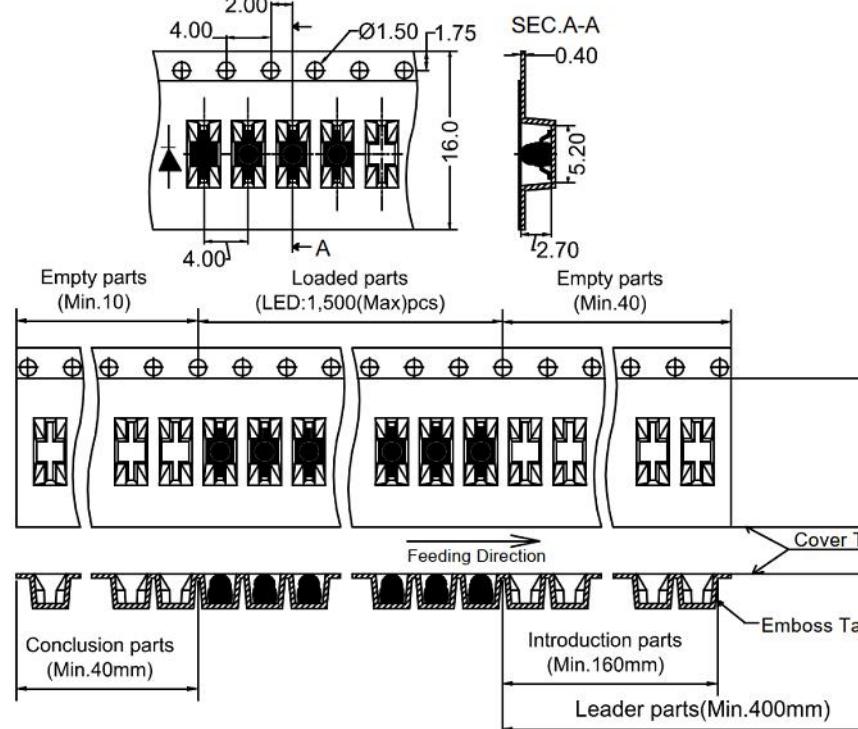


LED SCHEMATIC



RECOMMENDED PAD LAYOUT

TAPE DIMENSION (mm)



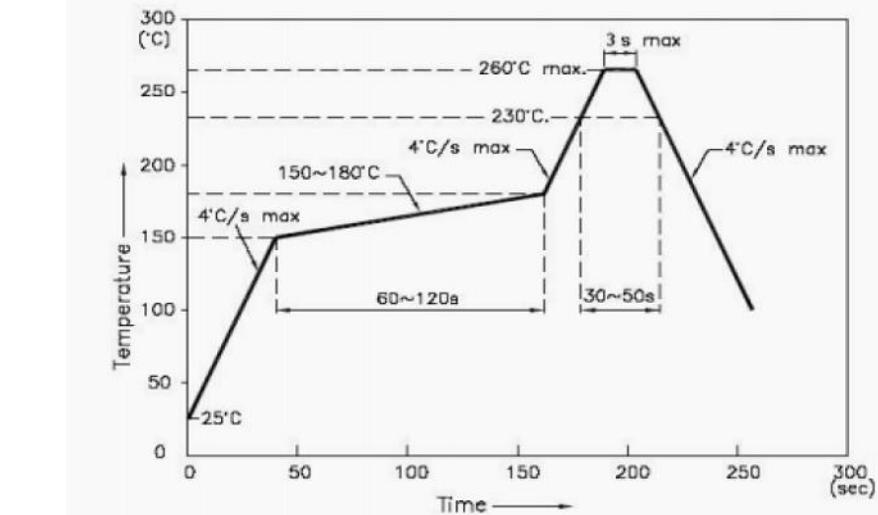
ABSOLUTE MAXIMUM RATINGS AT 25°C						
LED COLOR	POWER DISSIPATION (mW)	FORWARD CURRENT (mA)	PEAK FORWARD CURRENT *(mA)	REVERSE VOLTAGE (V)	OPERATING TEMPERATURE (°C)	STORAGE TEMPERATURE (°C)
WHITE	111	30	125	5	-40 TO +80	-40 TO +85

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

LED COLOR	TEST CONDITION	LUMINOUS INTENSITY (mcd)		CHROMATICITY COORDINATES		FORWARD VOLTAGE (V)	REVERSE CURRENT (uA)	VIEWING ANGLE (DEG)		
		I <sub>F</sub> (mA)	MIN.		TYP.					
			TYP.	MAX.	TYP.					
WHITE		20	160	350	700	0.292	0.281	2.8 3.7 10@5V 165		

REV	ECN NO	REVISIONS	DRN	CKD	DATE
A	I21970	NEW RELEASE	LD	CS	9-17-24
B	I26225	REVISED NOTE 5, MSL WAS 2	LD	CS	1-9-25

RECOMMENDED RoHS SOLDER PROFILE



ATTENTION:  
OBSERVE PRECAUTIONS FOR  
HANDLING ELECTROSTATIC  
SENSITIVE DEVICES

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DIALIGHT CORP INTERNAL REFERENCE ONLY : 3D MODEL : 450521875430-1

SCALE: 12.000  
ALL DIM's: INCH (mm)

TOLERANCES:  
UNLESS OTHERWISE SPECIFIED

FRACTIONS: ±1/164  
DECIMALS (.XX): ±.01  
DECIMALS (.XXX): ±.005  
DECIMALS (.XXXX): ±.0005  
ANGLES: ±1°

FINISH

MATERIAL

FSCM 83330

SHEET 1 OF 1 FAMILY TABLE:

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