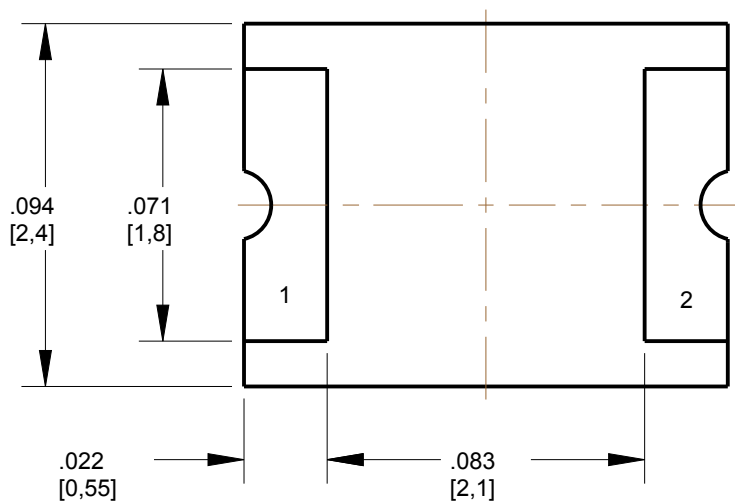
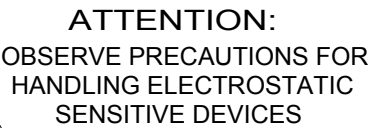
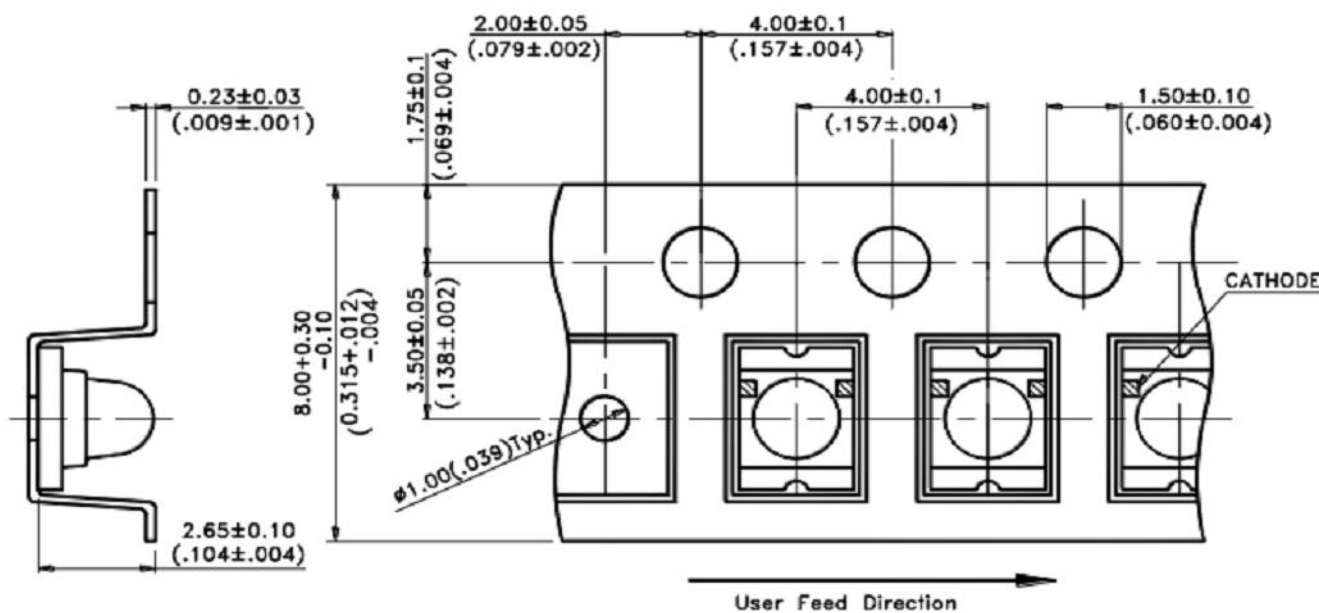


REV	REVISIONS	DRN	APP	DATE
A	NEW RELEASE	LD	NO	9-24-19



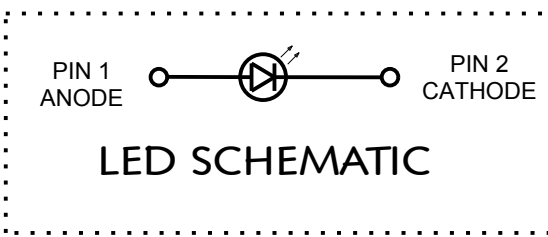
UNITS: mm
TOLERANCE (UNLESS OTHERWISE SPECIFIED): $\pm 0.2\text{mm}$



ABSOLUTE MAXIMUM RATINGS AT 25 °C								
LED COLOR	POWER DISSIPATION (mW)	PEAK FORWARD CURRENT (mA)	FORWARD CURRENT (mA)	DERATING LINEAR FROM 25 °C mA/°C	REVERSE VOLTAGE (V)	OPERATING TEMPERATURE (°C)	STORAGE TEMPERATURE (°C)	SOLDERING CONDITION (°C)
RED	75	80	30	0.4	5	-55 TO +85	-55 TO +85	260
RED ORANGE	75	80	30	0.4		-30 TO +85	-40 TO +85	
ORANGE	75	80	30	0.4		-55 TO +85	-55 TO +85	
YELLOW GREEN	75	80	30	0.4		-55 TO +85	-55 TO +85	
YELLOW	75	80	30	0.4		-55 TO +85	-55 TO +85	
GREEN	76	100	20	0.25		-20 TO +80	-30 TO +100	
BLUE	76	100	20	0.25		-20 TO +80	-30 TO +100	

1. QUANTITY IS 1,500 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.

MARK	DEFINITION	CONDITION
TS _{max}	Maximum of pre-heating temperature	200 °C
TS _{min}	Minimum of pre-heating temperature	150 °C
T _s	Time form Tsmin to Tsmax	60-120 sec
T _L	Reference temperature	217 °C
t _L	Retention time for TL	within 60s
T _P	Peak Temperature	260 °C
t _P	Time for peak temperature	within 10s
DTr/Dt	Temperature rising rate	under 3 °C/sec
DTd/Dt	Temperature decreasing rate	under -3 °C/sec



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DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL : 450052184RX15-A.1			
SCALE: 20.00	DRAWING NUMBER		REV
ALL DIM'S IN: INCHES (MM)	C18446		A
TOLERANCES: UNLESS OTHERWISE SPECIFIED			
FRACTIONS: $\pm 1/64$ DECIMALS (XX): $\pm .01$ DECIMALS (XXX): $\pm .005$ DECIMALS (XXXX): $\pm .0005$ ANGLES: $\pm 1^\circ$	TITLE		
	SM LED 1209 (3224)		
FINISH	MATERIAL		
FSCM 83330			1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com
	SHEET	1 OF 1	FAMILY TABLE: