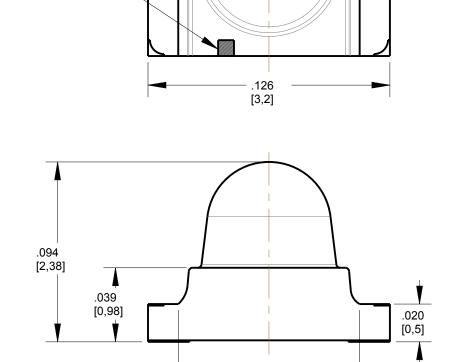
DIALIGHT PART NO.	LED COLOR (nm)
597-3001-602F,607F	RED (630)
597-3041-602F,607F	RED ORANGE (615)
597-3201-602F,607F	ORANGE (605)
597-3501-602F,607F	YELLOW GREEN (570)
597-3401-602F,607F	YELLOW (590)
597-3321-602F,607F	GREEN (525)
597-3601-602F,607F	BLUE (470)

CATHODE

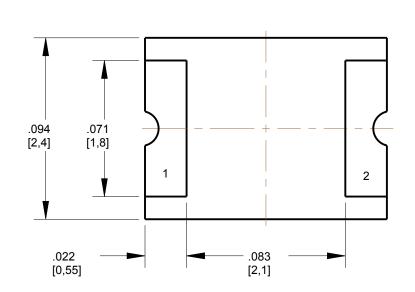
MARK



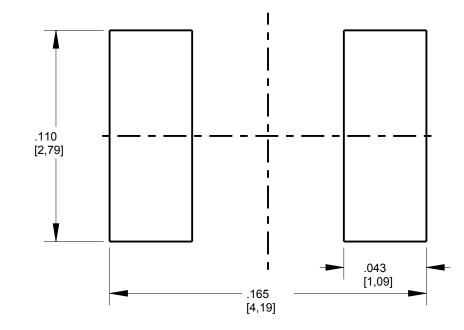


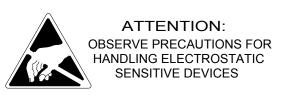
- .094 [2,4]

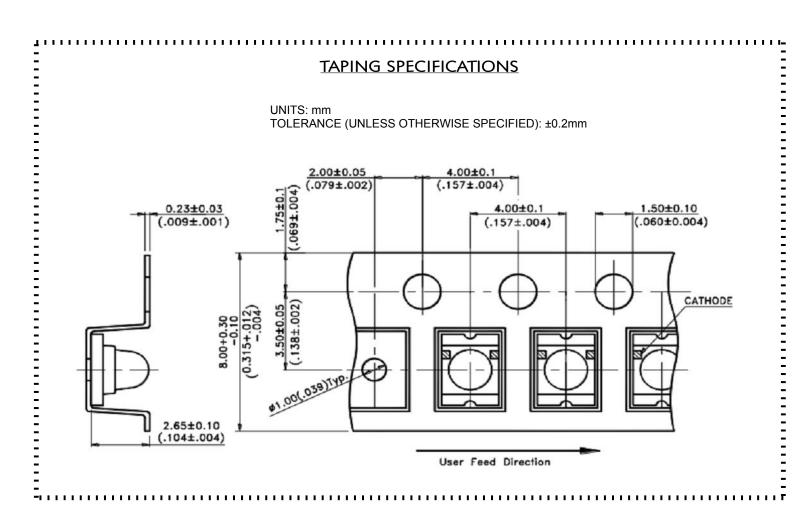
 \emptyset .070 [1,78]



RECOMMENDED SOLDER PAD LAYOUT







					OTDIOAL ODTIO	A1 0114	DAOTEDI	07100	A T OF O				
ELECTRICAL OPTICAL CHARACTERISTICS AT 25 °C													
LED COLOR	TEST CONDITION	l 11	UMINO NTENS (mcd)	ITY	PEAK EMISSION WAVELENGTH	W.	DOMINANT AVELENG (nm)	TH	REVERSE CURRENT	SPECTRAL LINE HALF-WIDTH	FORWARD VOLTAGE I _F =20mA		VIEWING ANGLE I _F =20mA
	IF (mA)	MIN.	TYP.	MAX.	TYP	MIN	TYP.	MAX	MAX	TYP	TYP.	MAX.	TYP
RED		710	850	2800	639		630			20	2.0	2.4	25
RED ORANGE		710	2605	4500	621		615			18	2.0	2.4	25
ORANGE		450	1200	4500	611	600	605	610		17	2.0	2.4	25
YELLOW GREEN	20	180	600	1800	574		570		10μA @ VR=5V	15	2.0	2.4	25
YELLOW		450	710	1800	588	587	590	595	VIX-3V	15	2.0	2.4	25
GREEN		710	2000	4500	530		525			35	2.8	3.6	25
BLUE]	560	1400	2240	468	465	470	475		25	3.4	3.8	25

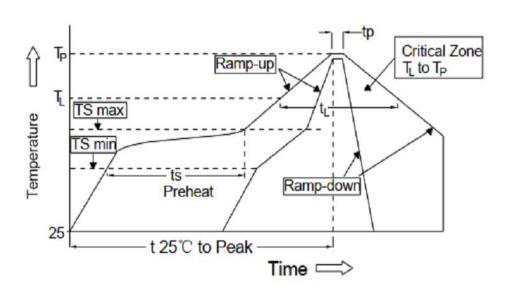
ABSOLUTE MAXIMUM RATINGS AT 25 °C									
LED COLOR	POWER DISSIPATON (mW)	PEAK FORWARD CURRENT (mA)	FORWARD CURRENT (mA)	DERATING LINEAR FROM 25° C mA/° C	REVERSE VOLTAGE (V)	OPERATING TEMPRATURE (°C)	STORAGE TEMPRATURE (°C)	SOLDERING CONDITION (°C)	
RED	75	80	30	0.4		-55 TO +85	-55 TO +85		
RED ORANGE	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	5	-55 TO +85	-55 TO +85	260	
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		

NOTES:

- 1. QUANTITY IS 1,500 PCS PER REEL.
- 2. PIN NUMBERS ARE FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT
- 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.

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

RECOMMENDED ROHS SOLDER PROFILE



MARK	DEFINITION	CONDITION
TS _{max}	Maximum of pre-heating temperature	200°C
TS _{min}	Minimum of pre-heating temperature	150°C
Ts	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



