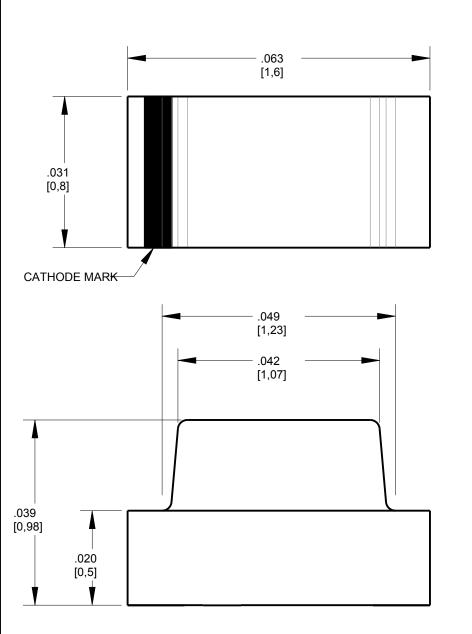
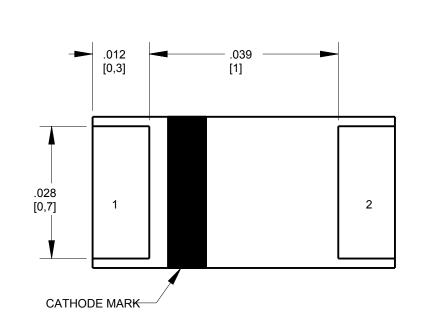
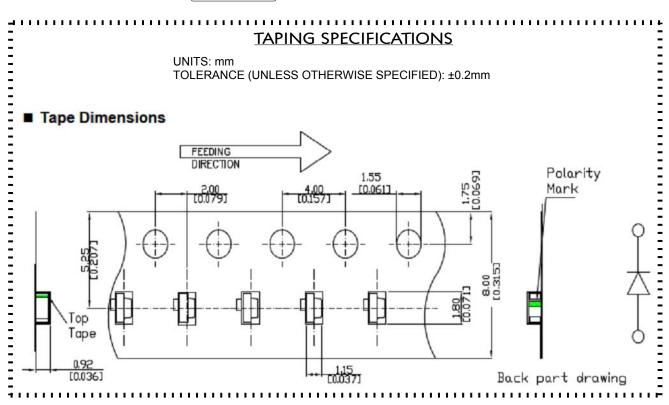
DIALIGHT PART NO	LED COLOR (nm)	
598-8D10-102F,107F	RED (630)	
598-8D20-102F,107F	RED ORANGE (615)	
598-8D30-102F,107F	ORANGE (605)	
598-8D40-102F,107F	YELLOW (590)	
598-8D60-102F,107F	YELLOW GREEN (570)	
598-8D80-102F,107F	GREEN (525)	
598-8D90-102F,107F	BLUE (470)	







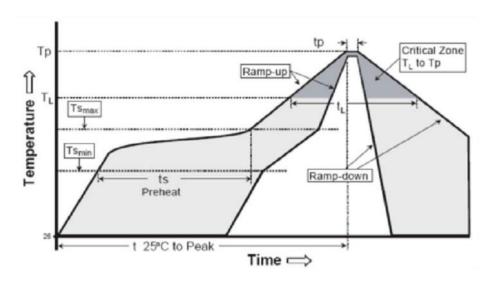


ELECTRICAL OPTICAL CHARACTERISTICS AT 25C																
LED COLOR	TEST CONDITION	I	UMINOL NTENSIT (mcd)	-	DOMINANT WAVELENGTH (nm)		REVERSE CURRENT (uA)	SPECTRAL LINE HALF-WIDTH (nm)	FORWARD VOLTAGE		VIEWING ANGLE	THERMAL RESISTANCE (° C/W)				
	I _F (mA)	MIN.	TYP.	MAX.	MIN	TYP.	MAX	MAX	TYP	TYP.	MAX.	TYP	MAX			
RED		30		90	630	635	640		15		1.8	2.4				
RED ORANGE		150	240	330	620	625	630			1.8	2.4					
ORANGE		90	145	200	600	605	610			1.8	2.4					
YELLOW	20	120	160	200	585	590	595	10			2.4	140	450			
YELLOW GREEN		28	54	80	565	570	575						1.8	2.4		
GREEN		70	135	200	510	525	535				2.8	3.5				
BLUE		350	440	530	460	468	475			2.8	3.5					

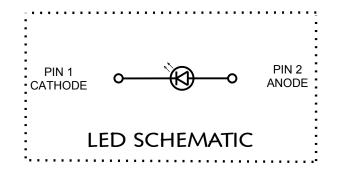
ABSOLUTE MAXIMUM RATINGS AT 25 $^{\circ}$ C									
LED COLOR	POWER DISSIPATON (mW)	FORWARD CURRENT (mA)	PEAK FORWARD CURRENT (mA)	ELECTROSTATIC DISCHARGE (V)	OPERATING TEMPRATURE (°C)	STORAGE TEMPRATURE (°C)	SOLDERING CONDITION (C)	JUNCTION TEMPERATURE (°C)	
RED	_	30	60	2000	-40 to +85	-40 to +100	260		
RED ORANGE									
ORANGE	72								
YELLOW								95	
YELLOW GREEN									
GREEN	105			1000					
BLUE	70	20							

REV	REVISIONS	DRN	APP	DATE
Α	NEW RELEASE	LD	NO	9-24-19
В	CHANGED THE FOLLOWING DIMs: .049 WAS 1.10 & .042 WAS 1.00, ADDED TOP VIEW CATHODE MARK	LD	NO	11-17-19

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		
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 6 C/sec		
DTd/Dt	Temperature decreasing rate	under -3 C/sec		





NOTES:

- 1. QUANTITY IS 4,000 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.