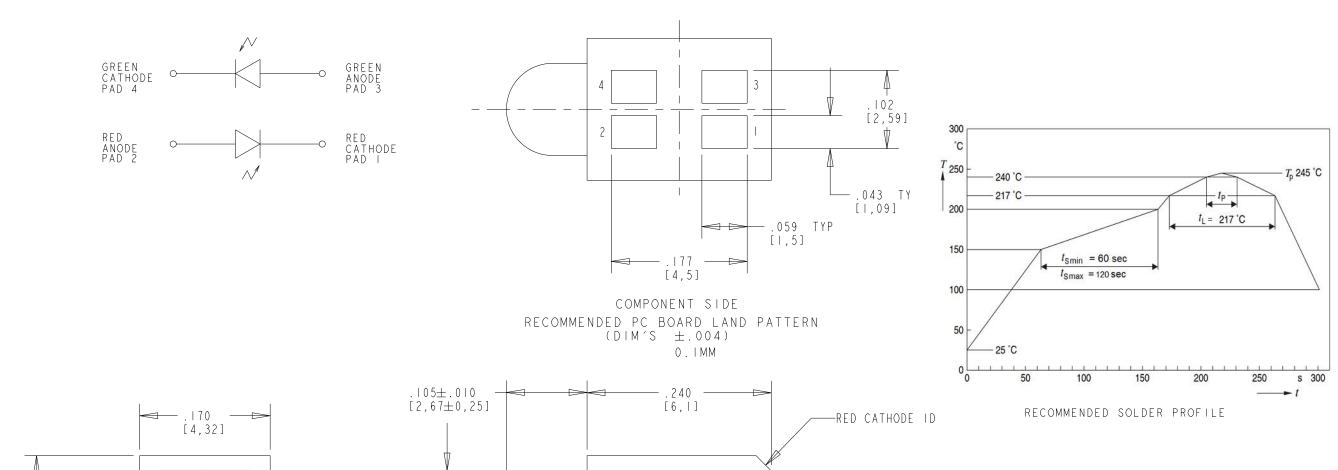
		OP E	ERATING	6 CHARA	CTERI	STICS	AT 25°	C AMBI	ENT			
LED COLOR		LUMINOUS INTENSITY @Ir = 2 mA (mcd)			FORWARD VOLTAGE @IF = 2 mA (V)		REVERSE CURRENT (µA) V = 12V		DOMINANT WAVELENGTH (nm)			PEAK WAVELENGTH (nm)
		MIN	TYP	MAX	TYP	MAX	TYP	MAX	MIN	TYP	MAX	TYP
RED/GRN	RED	4.5		18	1 7	2 2	0 01	10	624	630	636	639
NED/OKN	GREEN	2.8		11.2	1 . /	۷.۷	0.01	10	566	570	575	572

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
А		NEW RELEASE	TWC			
В		ADDED LED LEAD DIMENSIONS; ADDED DUAL DIMENSIONS.	AJF	KLJ	NO	10-28-10
С		UPDATED SOLDER PROFILE, REVERSE VOLTAGE	ВР		NO	4-21-17
D		UPDATED LED SPECS FOR THE NEW LED	ВР		NO	8-22-17
Ē	100391	UPDATED LED SPECS	LD		CS	12-6-22



.125-.142 [3, 18-3, 60]

Ø.112 [2,84] MAX

.004±.001 MAX BELOW-

.120 [3,05]

[0,1±0,02] SURFACE A

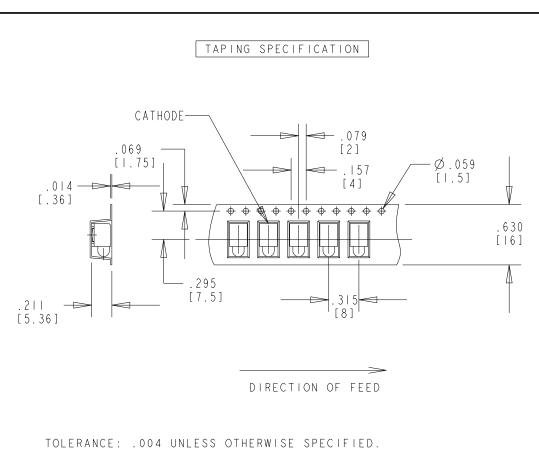
.020-.043 [0,50-1,07]

ABSOLUTE MAXIMUM RATINGS AT 25 °C AMBIENT	SUPER RED	GREEN	UNITS	
CONTINUOUS FORWARD CURRENT		5	mΑ	
REVERSE VOLTAGE	1	12		
SURGE CURRENT	10	100		
PEAK SOLDERING TEMPERATURE	2.4	245		
OPERATING TEMPERATURE	- 40 TC	-40 TO +100		
STORAGE TEMPERATURE	- 40 TC	-40 TO +100		
TIME ABOVE LIQUIDUS TEMPRATURE (t <sub>1</sub> )	80 Second	80 Seconds Minimum		
TIME ABOVE LIQUIDUS TEMPRATURE (L)	100 Second	S		
TIME WITHIN 5°C OF SPECIFIED PEAK TEM	10 Second	10 Seconds Minimum		
( T <sub>P</sub> - 5°C)	30 Second	s Maximum	S	
DEAK TEMPDATUDE T	245 Reco	°C		
PEAK TEMPRATURE T <sub>P</sub>	260 Mc			
RAMP-UP RATE TO PREHEAT (25°C TO 150°C)	2 °C/s Re 3 °C/	°C/S		
RAMP-UP RATE TO PEAK $(T_{Smax} to T_{P})$				
RAMP-DOWN RATE (Tp to 100 °C)	3 °C/s Re	3°C/s Recommended		
NAME - DOWN RATE (Ipulou U)	6 °C/	°C/S		
T   ME (25 °C to T <sub>P</sub> )	480 Second	ls Maximum	\$	



- 2. PAD NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART
- 3. STORAGE CONDITIONS FOR TAPED PRODUCT: RE-TAPING MAY BE NECESSARY FOR PRODUCT STORED MORE THAN TWELVE MONTHS.
- 4. ORDER QUANTITY IS LED ASSEMBLIES, NOT REELS.
- -002F SUFFIX MEANS PARTS ARE PACKED ON A 20 PCS SAMPLE STRIP.
  -007F SUFFIX MEANS PARTS ARE PACKED ON A 7 INCH REEL, 400 PCS/REEL.
  -013F SUFFIX MEANS PARTS ARE PACKED ON A 13 INCH REEL, 1600 PCS/REEL.
- 6. LENS MOVEMENT IN RELATIONSHIP TO THE HOUSING IS:
- .009" T.I.R. VERTICALLY. .007" T.I.R. HORIZONTALLY
- 7. FRONT AND REAR TERMINALS OF ASSEMBLY TO BE WITHIN .005 COPLANARITY.
  8. DIALIGHT PART NUMBER: 591-3001-002F, 591-3001-007F,
  591-3001-013F

- 9. DEVICE HAS A MOISTURE SENSITIVITY LEVEL "2" CAUTION LABEL
- APPLIED AS PER JEDEC STD. 033
  10.THIS PRODUCT IS P6 FREE. IT IS IN COMPLIANCE WITH THE DIRECTIVE 2002/95/EC(RoHS) AND DOES NOT CONTAIN ANY OF THE BANNED SUBSTANCES Pb, Cd, MERCURY, HEXAVALENT CHROMIUM OR FLAME RETARDANTS (PBB, PBDE)



MILLIMETER DIMENSIONS SHOWN FOR REFERENCE ONLY.

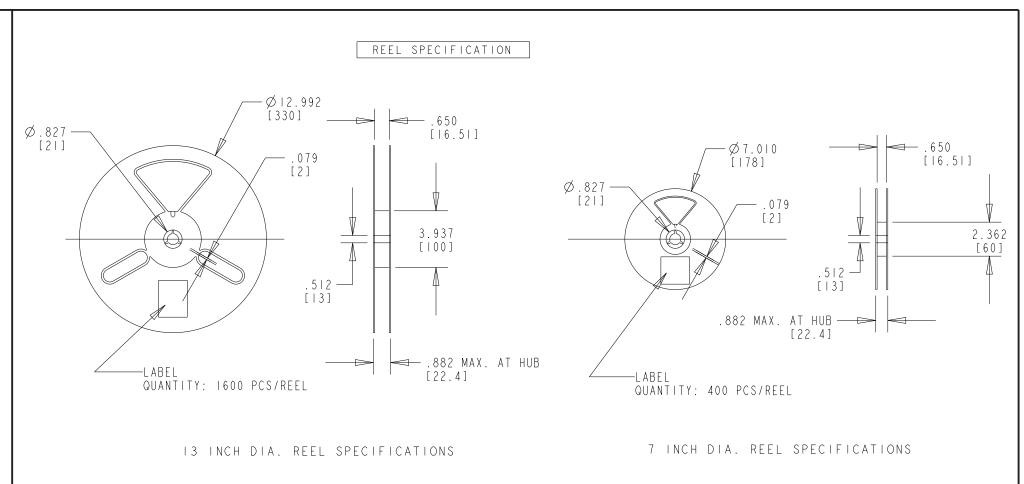
-SOLDER PLATED

198±.009  $[5,03\pm0,23]$  [25

.024-.031 [0,60-0,77]

.083-.091

MAX



.007 MAX. ABOVE

LED LEAD

SOLDERING

SURFACE A

SURFACE A

-¢ OF LED

