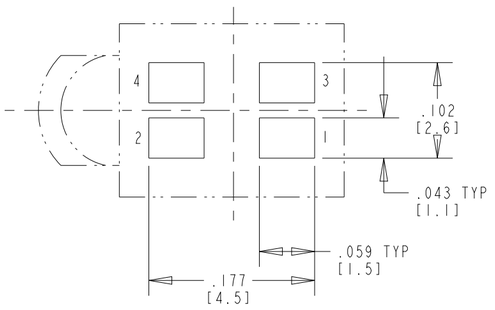
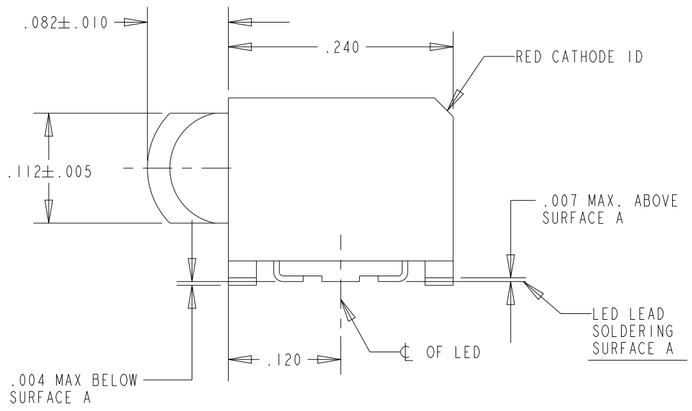
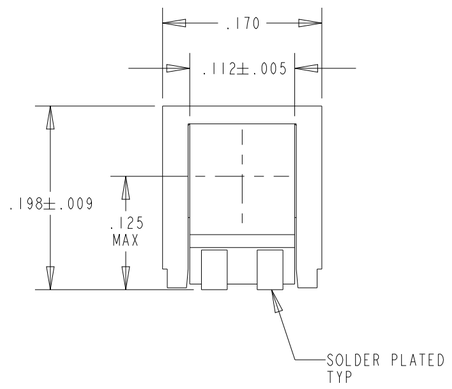
	OPERATING CHARACTERISTICS AT 25°C AMBIENT												
	LED COLOR		LUMINOUS INTENSITY @I_F = 10 mA (mcd)			FORWARD VOLTAGE @I_F = 2 mA (V)		REVERSE CURRENT (µA) V = 12V		DOMINANT WAVELENGTH (nm)			PEAK WAVELENGTH (nm)
			MIN	TYP	MAX	TYP	MAX	TYP	MAX	MIN	TYP	MAX	TYP
591-3001-860F	RED/GRN	RED	—	17	—	1.8	2.2	0.01	10	624	630	636	643
591-3001-861F		GREEN	—	13	—					566	570	575	572
591-3101-862F	YLW/GRN	YELLOW	—	20	—	1.8	2.2	0.01	10	580	587	595	591
591-3101-863F		GREEN	—	13	—					566	570	575	572

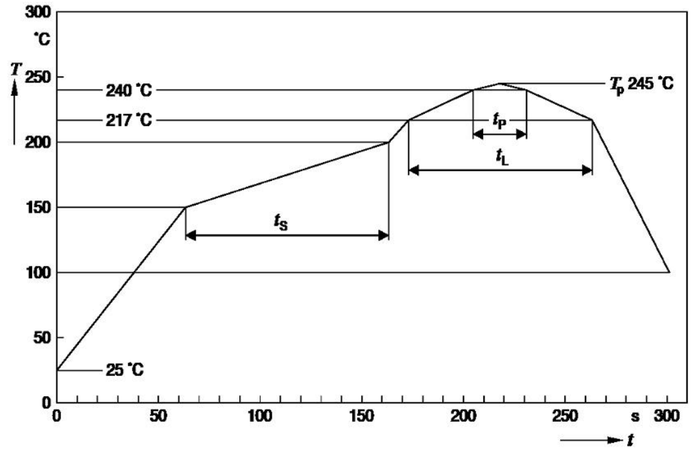
ABSOLUTE MAXIMUM RATINGS AT 25 °C AMBIENT	RED/GRN YLW/GRN	UNITS
CONTINUOUS FORWARD CURRENT	15	mA
REVERSE VOLTAGE	12	V
SURGE CURRENT	100	mA
PEAK SOLDERING TEMPERATURE	245	°C
OPERATING TEMPERATURE	-40 TO +100	°C
STORAGE TEMPERATURE	-40 TO +100	°C
TIME ABOVE LIQUIDUS TEMPRATURE (t_L)	80 Seconds Minimum 100 Seconds Maximum	S
TIME WITHIN 5°C OF SPECIFIED PEAK TEM (T_P - 5°C)	10 Seconds Minimum 30 Seconds Maximum	S
PEAK TEMPRATURE T_P	245 Recommended 260 Maximum	°C
RAMP-UP RATE TO PREHEAT (25°C TO 150°C)	2 °C/s Recommended 3 °C/s Max	°C/S
RAMP-UP RATE TO PEAK (T_{Smax} to T_P)		
RAMP-DOWN RATE (T_p to 100 °C)	3 °C/s Recommended 6 °C/s Max	°C/S
TIME (25 °C to T_p)	480 Seconds Maximum	s



COMPONENT SIDE
RECOMMENDED PC BOARD LAND PATTERN
(DIM'S ± .004)



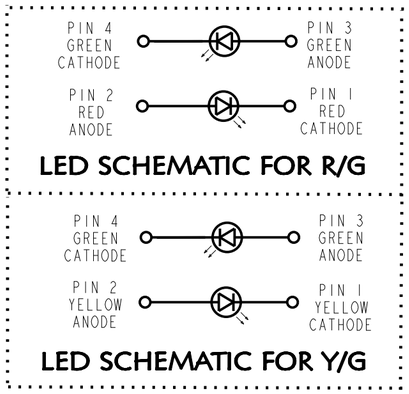




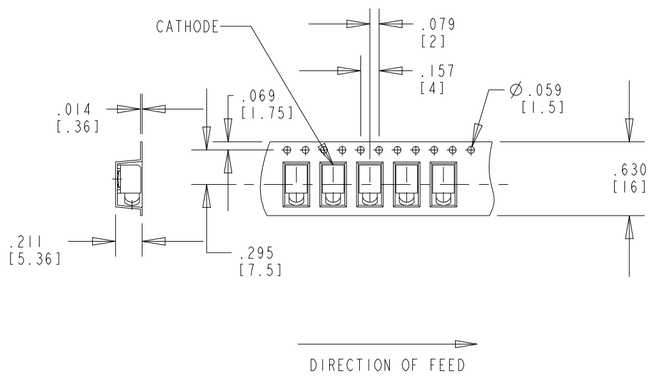
RECOMMENDED SOLDER PROFILE

NOTES:

1. MILLIMETER DIMENSIONS SHOWN FOR REFERENCE ONLY.
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. -860F & 862F SUFFIX MEANS PARTS ARE PACKED ON A 13 INCH REEL. 1600 PCS/REEL.
   -861F & 863F SUFFIX MEANS PARTS ARE PACKED ON A 7 INCH REEL, 400 PCS/REEL
5. LENS MOVEMENT IN RELATIONSHIP TO THE HOUSING IS:
   .009" T.I.R. VERTICALLY.
   .007" T.I.R. HORIZONTALLY.
6. FRONT AND REAR TERMINALS OF ASSEMBLY TO BE WITHIN .005 COPLANARITY.
7. DIALIGHT PART NUMBER: 591-3001-860F, 591-3001-861F,
   591-3101-862F, 591-3101-863F
8. DEVICE HAS A MOISTURE SENSITIVITY LEVEL "2" CAUTION LABEL APPLIED AS PER JEDEC STD. 033.
9. THIS PRODUCT IS RoHS COMPLIANT (Pb FREE). EACH BAG AND REEL IS MARKED WITH THE RoHS COMPLIANT LABEL P/N 9100-117-0852-99 OR EQUIVALENT MARKINGS.

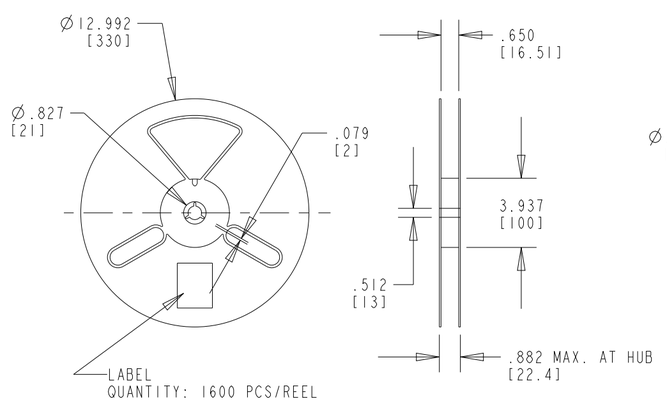


TAPING SPECIFICATION

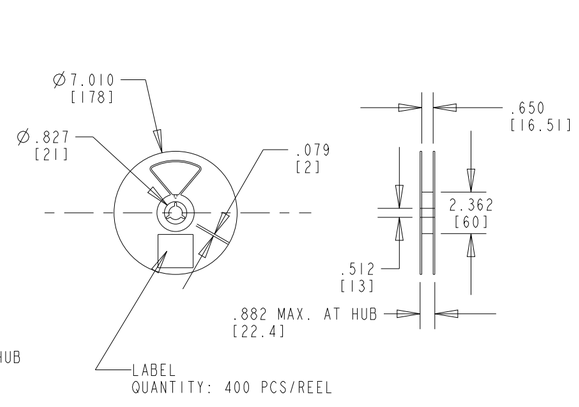


TOLERANCE: .004 UNLESS OTHERWISE SPECIFIED.
MILLIMETER DIMENSIONS SHOWN FOR REFERENCE ONLY.

REEL SPECIFICATION



13 INCH DIA. REEL SPECIFICATIONS



7 INCH DIA. REEL SPECIFICATIONS

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	—	NEW RELEASE	BP	—	NO	8-8-17
B	—	ADDED CORRESPONDING P/N'S FOR BOTH LEDS IN THE TABLE	BP	—	NO	8-18-17

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SCALE: DRAWING SCALE	DRAWING NUMBER: C-18341 — REV: B
ALL DIM'S IN: INCHES (MM)	
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE: 3mm PRISM R/G,Y/G (LOW CURRENT) ROUND LENS, RoHS COMPLIANT
FINISH	MATERIAL
FSCM 83330	Dialight, 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com
	SHEET 1 OF 1 — FAMILY TABLE: