

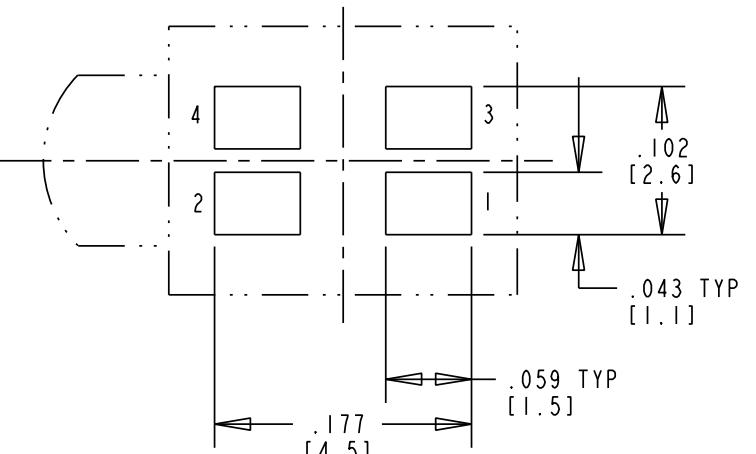
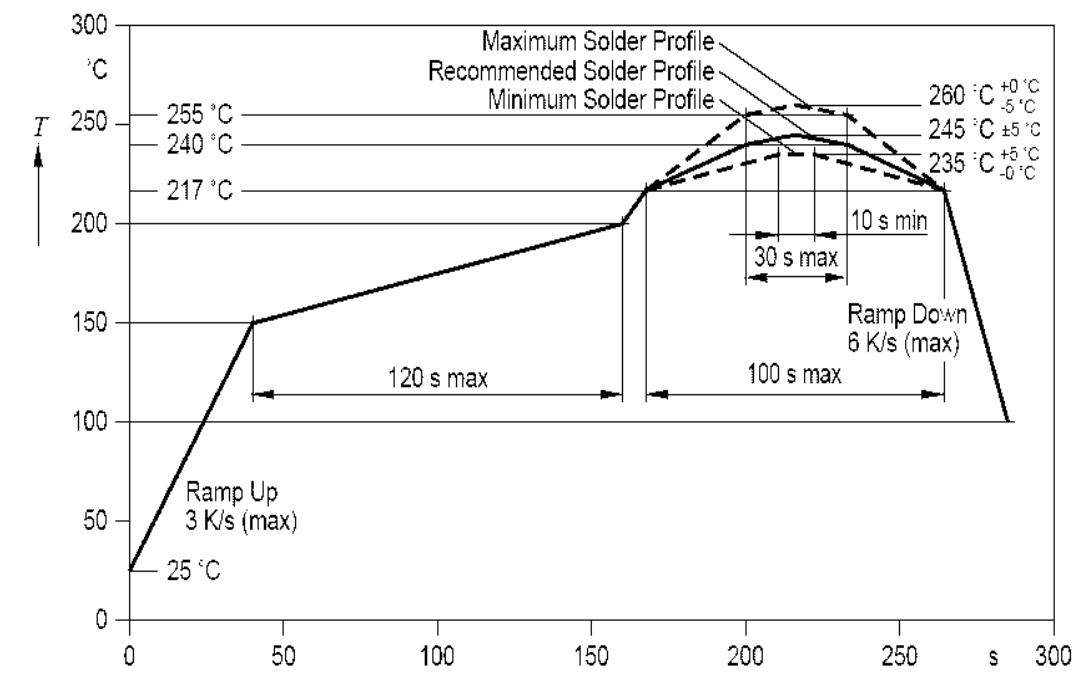
BI-COLOR OPERATING CHARACTERISTICS AT $T_a = 25^\circ\text{C}$ AMBIENT															
DIALIGHT P/N	COLOR	$I_f$ (mA)	FORWARD VOLTAGE (V)		LUMINOUS INTENSITY (mcd)		REVERSE CURRENT (μA)	PEAK WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm)	REVISIONS					
			TYP.	MAX.	MIN.	TYP.	MAX.	TYP.	MIN.	TYP.	MAX.	REV.	ECN.	DRN.	DATE
591-3101-102F	YELLOW GREEN	10	2.0	2.5	4.5	11.3	18.0	.01	10	586	584	D	—	YIS	2-19-03
591-3101-107F	YELLOW GREEN	10	2.0	2.5	4.5	11.3	18.0	.01	10	586	584	E	—	YIS	2-19-03
591-3101-113F	YELLOW GREEN	10	2.0	2.5	4.5	11.3	18.0	.01	10	586	584	C	—	YIS	2-19-03

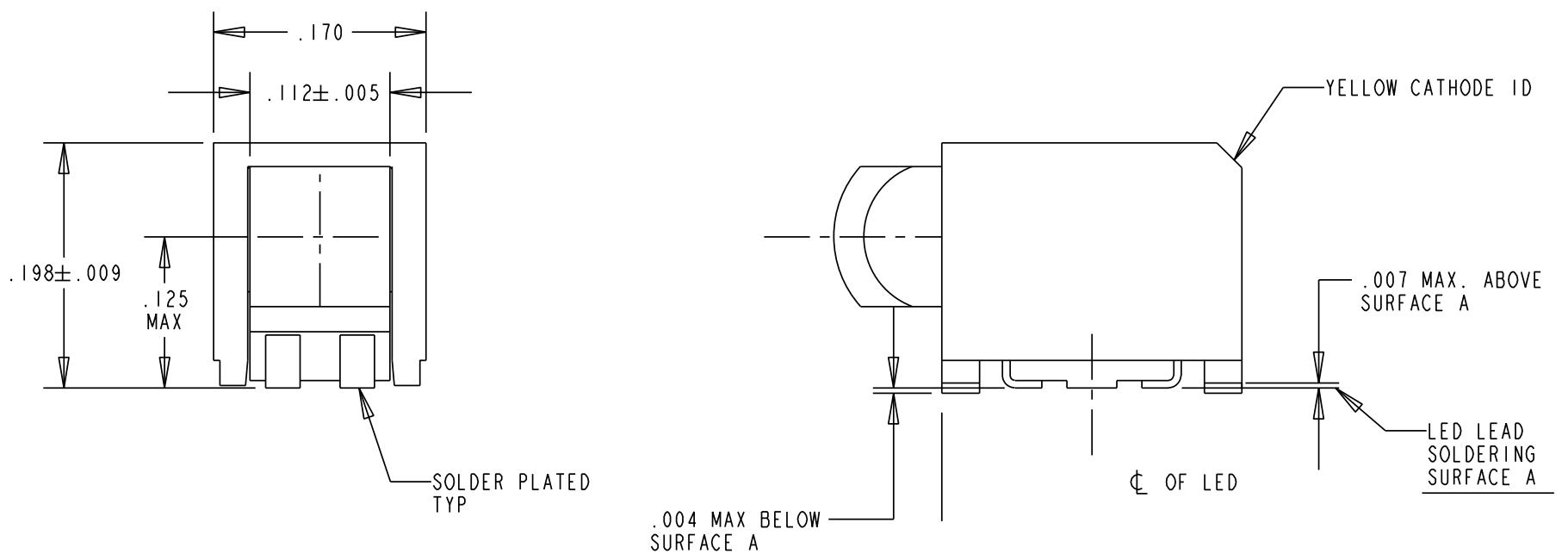
591-3101-XXXF			UNITS
102F	107F	113F	
YELLOW GREEN	YELLOW GREEN	YELLOW GREEN	

POWER CONSUMPTION	95	mW
CONTINUOUS FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
OPERATING TEMPERATURE	-40 TO +100	°C
STORAGE TEMPERATURE		

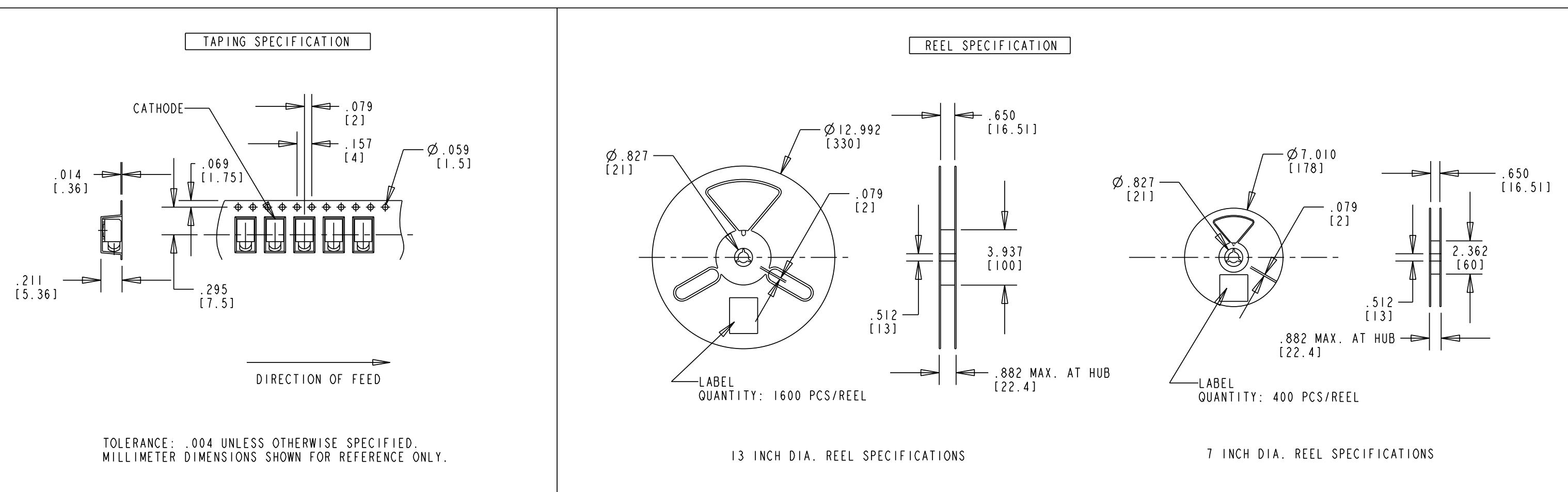


COMPONENT SIDE  
RECOMMENDED PC BOARD LAND PATTERN  
(DIM'S  $\pm .004$ )



NOTES:

1. MILLIMETER DIMENSIONS SHOWN FOR REFERENCE ONLY.
2. PAD NUMBERS FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PART.
3. STORAGE CONDITIONS FOR TAPE PRODUCT: RE-TAPING MAY BE NECESSARY FOR PRODUCT STORED MORE THAN TWELVE MONTHS.
4. LEADS: TIN (Sn) OVER NICKEL (Ni) ON COPPER ALLOY (Cu)
5. ORDER QUANTITY IS LED ASSEMBLIES. NOT REELS.
6. -102F SUFFIX MEANS PARTS ARE PACKED ON A 20 PCS SAMPLE STRIP.  
-107F SUFFIX MEANS PARTS ARE PACKED ON 7 INCH REEL, 400 PCS/REEL.  
-113F SUFFIX MEANS PARTS ARE PACKED ON A 13 INCH REEL, 1600 PCS/REEL.
7. LENS MOVEMENT IN RELATIONSHIP TO THE HOUSING IS:  
.009" T.I.R. VERTICALLY.  
.007" T.I.R. HORIZONTALLY.
8. FRONT AND REAR TERMINALS OF ASSEMBLY TO BE WITHIN .005 COPLANARITY.
9. DIALIGHT PART NUMBER: 591-3101-102F, 591-3101-107F, 591-3101-113F.
10. DEVICE HAS A MOISTURE SENSITIVITY LEVEL "2" CAUTION LABEL APPLIED AS PER JEDEC STD. 033.
11. 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



REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A		NEW RELEASE	TWC			

SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17283	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED		
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .01$ DECIMALS (.XXX): $\pm .005$ DECIMALS (.XXXX): $\pm .0005$ ANGLES: $\pm 1^\circ$		
FINISH:		
THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.		
TITLE 3mm PRISM SURFACE MOUNT CBI RoHS COMPLIANT		
MATERIAL		
Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
FSCM 83330	SHEET 1 OF 1	FAMILY TABLE:

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Dialight:

[591-3101-102F](#)