

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

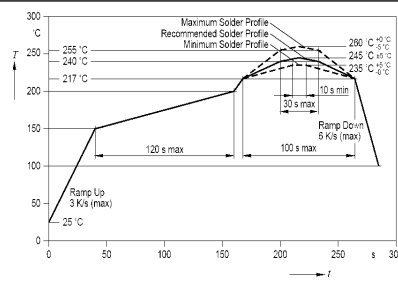
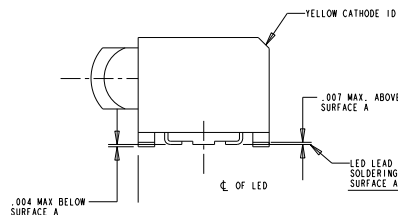
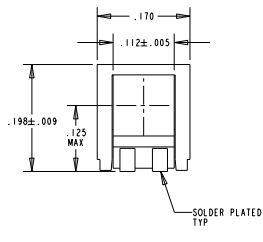
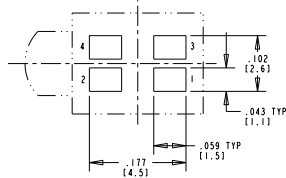
[Dialight](#)
[5913101102F](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

BI-COLOR OPERATING CHARACTERISTICS AT T _a = 25 °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.	MIN.	TYP.	MAX.	MIN.	TYP.	MAX.	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	572	584	590	596	D	—	YIS		2-19-03	
591-3101-107F	YELLOW GREEN	10	2.0	2.5	4.5	11.3	18.0	.01	10	586	572	584	590	596	E	—	YIS		2-19-03	
591-3101-113F	YELLOW GREEN	10	2.0	2.5	4.5	11.3	18.0	.01	10	586	572	584	590	596	C	—	YIS		2-19-03	

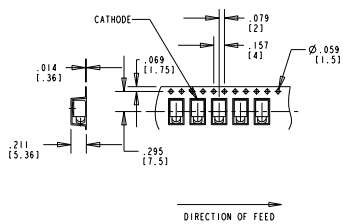
ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT			
	591-3101-102F	591-3101-107F	591-3101-113F
POWER CONSUMPTION	95	95	95
CONTINUOUS FORWARD CURRENT	30	30	30
REVERSE VOLTAGE	5	5	5
OPERATING TEMPERATURE	-40 TO +100	-40 TO +100	-40 TO +100
STORAGE TEMPERATURE	-40 TO +100	-40 TO +100	-40 TO +100



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

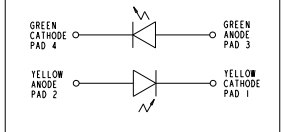
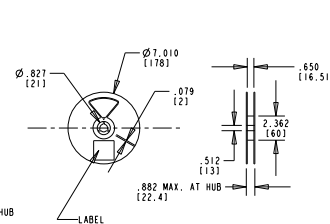
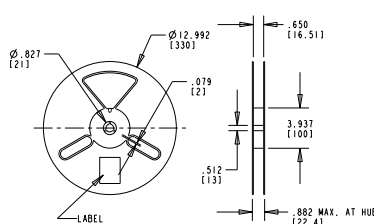
- NOTES:
- MILLIMETER DIMENSIONS SHOWN FOR REFERENCE ONLY.
 - PAD NUMBERS FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PART.
 - STORAGE CONDITIONS FOR TAPED PRODUCT: RE-TAPING MAY BE NECESSARY FOR PRODUCT STORED MORE THAN TWELVE MONTHS.
 - LEADS: TIN (Sn) OVER NICKEL (Ni) ON COPPER ALLOY (Cu)
 - ORDER QUANTITY IS LED ASSEMBLIES. NOT REELS.
 - 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.
 - LENS MOVEMENT IN RELATIONSHIP TO THE HOUSING IS:
-102F T.I.R. VERTICALLY.
-107F T.I.R. HORIZONTALLY.
 - FRONT AND REAR TERMINALS OF ASSEMBLY TO BE WITHIN .005 COPLANARITY.
 - DIALIGHT PART NUMBER: 591-3101-102F, 591-3101-107F, 591-3101-113F.
 - DEVICE HAS A MOISTURE SENSITIVITY LEVEL "2" CAUTION LABEL APPLIED AS PER JEDEC STD. 033.
 - 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



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SCALE: DRAWING SCALE	DRAWING NUMBER	REV	
ALL DIM'S IN: INCHES (MM)	C-17283	A	
TOLERANCES: UNLESS OTHERWISE SPECIFIED			
FRACTIONS: 1/16"			
DECIMALS: 1 XXX: 0.01			
DECIMALS: 1 XXXX: 0.005			
DECIMALS: 1 XXXXX: 0.0005			
ANGLES: .001"			
FINISH:			
FSM	83330		
Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, N.J. 07127			
SHEET 1 OF 1 FAMILY TABLE:			