

## Excellent Integrated System Limited

Stocking Distributor

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

[Dialight](#)  
[5530004805F](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)



**Distributor of Dialight: Excellent Integrated System Limited**

Datasheet of 5530004805F - LED CBI 3MM X/X/ORN/GRN MULTILVL

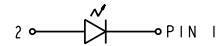
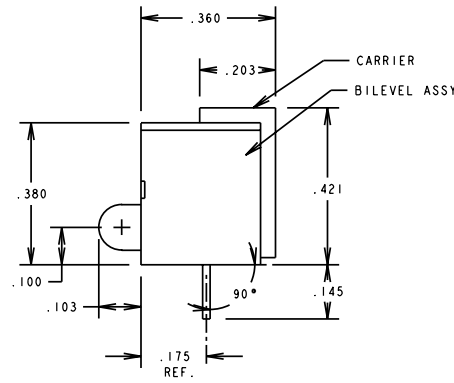
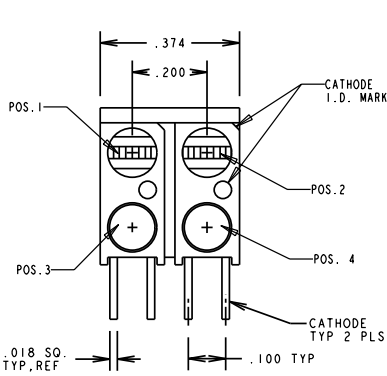
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

PART NUMBER	POS.1	POS.2	POS.3	POS.4
553-0004-805	BLANK	BLANK	ORANGE	GREEN

LED ELECTRO-OPTICAL CHARACTERISTICS

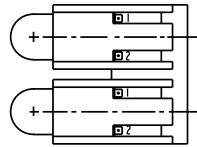
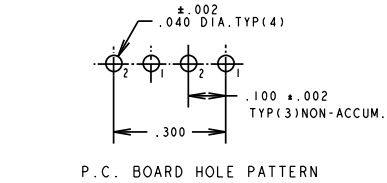
PARAMETER	GREEN	ORANGE	UNITS	TEST COND.	SPECS
POWER DISSIPATION	100	135	mW	N/A	ABSOLUTE MAXIMUM RATINGS AT T <sub>A</sub> = 25°C
FORWARD DC CURRENT	30	25	mA		
OPERATING TEMPERATURE	-55° TO +100°	-55° TO +100°	°C		
STORAGE TEMPERATURE	-55° TO +100°	-55° TO +100°	°C		
LEAD SOLDERING TEMP. (1/16" FROM CASE)	260° FOR 5 SEC.		°C		
FORWARD VOLTAGE	TYP 2.1#	2.2	V		
REVERSE BREAKDOWN VOLTAGE	5 MIN.		V	I <sub>R</sub> = 100µA	OPERATING CHAR. AT T <sub>A</sub> = 25°C
PEAK WAVELENGTH	565	600	nm	MEAS. AT PEAK	
LUMINOUS INTENSITY	MIN 4.7	3.0	mc/d	I <sub>F</sub> = 10mA	

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A		NEW RELEASE		DC		1-13-95
B		GREEN PWR DISS. 100 WAS 135; FWD DC CURRENT 30 WAS 25. FWD VOLT TYP 2.1, MAX 2.8 WAS 2.3, 3.0; LUM. INT. 4.7 WAS 4.0; ADDED NOTE 3.		TC		



NOTES:

- LEADS TO FIT INTO .040 DIA. HOLES SPACED AS PER PATTERN.
- PIN NUMBERS FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PARTS.
- DIALIGHT PART NUMBER: 553-0004-805.



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SCALE: 4:1	DRAWING NUMBER
ALL DIM'S IN: INCHES	C-15934
TOLERANCES: UNLESS OTHERWISE SPECIFIED	REV B
FRACTIONS: ±1/64	TITLE
DECIMALS (.XX): ±.020	MATERIAL
DECIMALS (.XXX): ±.015	FINISH:
ANGLES: ±3°	FSCM 83330
FINISH:	Dialight
	1913 ATLANTIC AVE. MANASQUAN, N.J. 08736
	SHEET OF FAMILY TABLE: