

## Excellent Integrated System Limited

Stocking Distributor

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

[Dialight](#)  
[5530006808F](#)

For any questions, you can email us directly:  
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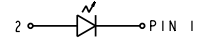
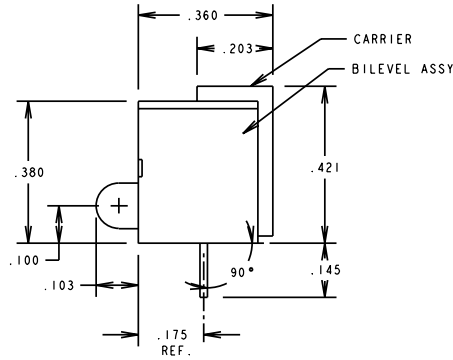
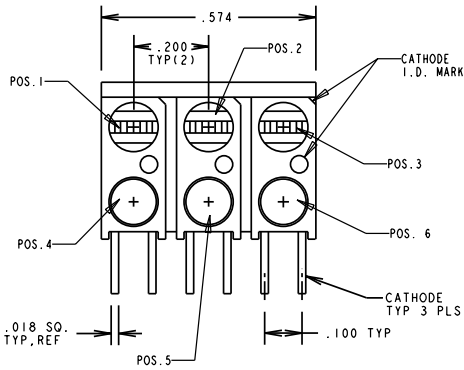


PART NUMBER	POS.1	POS.2	POS.3	POS.4	POS.5	POS.6
553-0006-808	BLANK	BLANK	BLANK	GREEN	GREEN	ORANGE

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A		NEW RELEASE		DC		1-16-95
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		

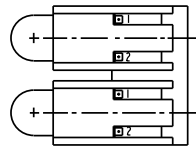
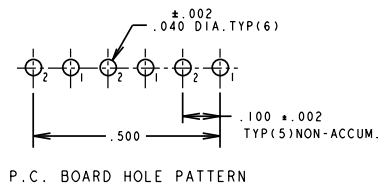
LED ELECTRO-OPTICAL CHARACTERISTICS

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°		°C		
LEAD SOLDERING TEMP. (1/16" FROM CASE)	260° FOR 5 SEC.		°C		
FORWARD VOLTAGE	TYP	2.1*	2.2	V	OPERATING CHAR. AT T <sub>A</sub> = 25°C
	MAX	2.8*	3.0		
REVERSE BREAKDOWN VOLTAGE	5 MIN.		V	I <sub>F</sub> = 20mA I <sub>F</sub> = 10mA I <sub>R</sub> = 100µA	
PEAK WAVELENGTH	565	600	nm	MEAS. AT PEAK	
LUMINOUS INTENSITY	MIN	4.7	3.0	mc d	I <sub>F</sub> = 10mA



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: 553-0006-808.



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SCALE: 4:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES	C-15935	B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.020		
DECIMALS (.XXX): ±.015		
ANGLES: ±3°		
FINISH:		
FSCM 83330	Dialight	1913 ATLANTIC AVE. MANASQUAN, N.J. 08736
	SHEET OF	FAMILY TABLE: