

Excellent Integrated System Limited

Stocking Distributor

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[Dialight](#)
[5530012809F](#)

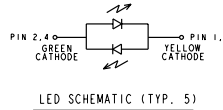
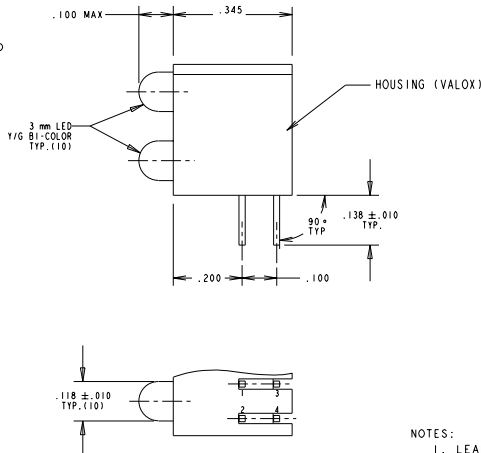
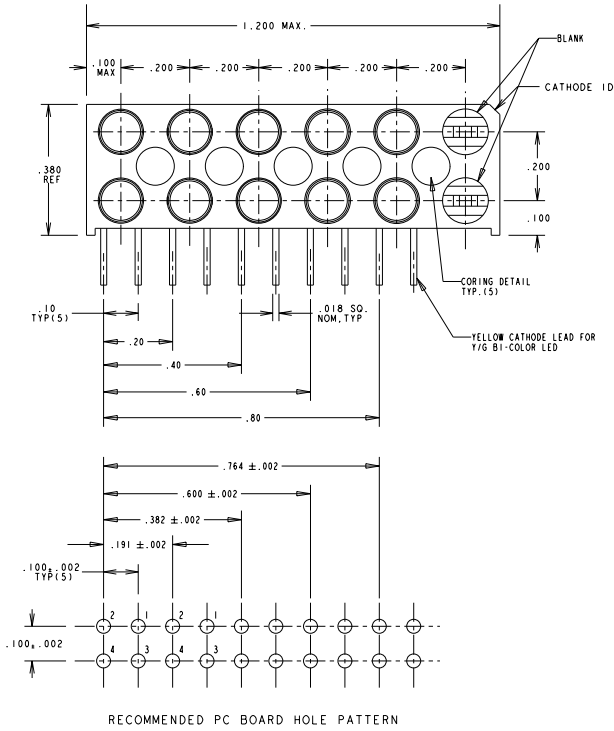
For any questions, you can email us directly:

sales@integrated-circuit.com

LED COLOR = YELLOW/GREEN BI-COLOR						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	YELLOW	2.5	4.3		mcd	I _f = 10 mA
	GREEN	2.5	6.3			
FORWARD VOLTAGE	YELLOW		2.1	2.8	V	I _f = 20 mA
	GREEN		2.1	2.8		
PEAK WAVELENGTH	YELLOW		585		nm	
	GREEN		565			
VIEWING ANGLE	YEL/GRN		80		Degree	
	YELLOW		15			
CAPACITANCE	YELLOW				pf	V _r = 0, f = 1 MHz
	GREEN		35			

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT			
	UNITS	YELLOW	GREEN
POWER DISSIPATION	mW	60	100
CONTINUOUS FORWARD CURRENT	mA	20	30
DERATE LINEARLY FROM 50°C	mA/°C	0.25	0.4
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	mA	80	120
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	°C	260	260
OPERATING TEMPERATURE	°C	-55 TO 100	-55 TO 100
STORAGE TEMPERATURE	°C	-55 TO 100	-55 TO 100

REV.	ECN NO.	REVISIONS	DRN.	CHKD.	APP.	DATE
A		NEW RELEASE	DC			



- NOTES:
- LEADS TO FIT INTO HOLES SPACED AS PER HOLES PATTERN.
 - LEAD SPACING MEASURED AT HOUSING EXIT.
 - PIN NUMBERS FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PART.
 - DIALIGHT PART NO. 553-0012-809.

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SCALE: 5:1	DRAWING NUMBER
ALL DIM'S IN: INCHES	C-16600
TOLERANCES: UNLESS OTHERWISE SPECIFIED	REV
FRACTIONS: 1/64	A
DECIMALS: 1.000, 0.020	TITLE
ANGLES: 30°	MULTIPLE BI-LEVEL CBI
FINISH:	MATERIAL
FSCM 83330	Dialight
SHEET OF	1013 ATLANTIC AVE.
FAMILY TABLES:	MANSOON, N.J. 08736