

Excellent Integrated System Limited

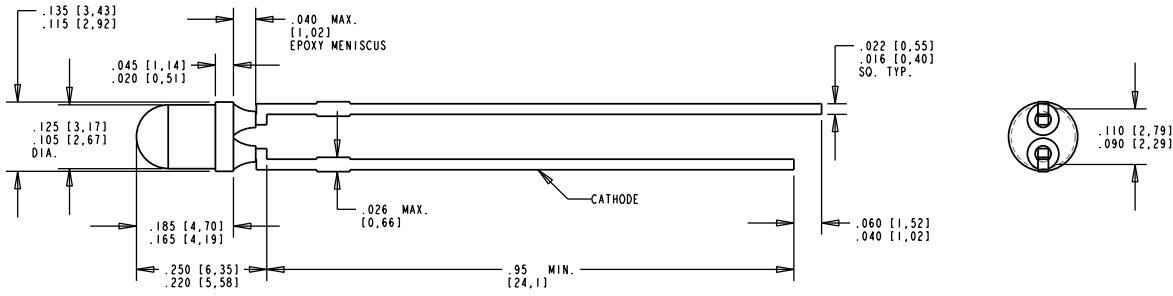
Stocking Distributor

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

[Dialight](#)
[5219918](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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



NOTES:

1. LENS COLOR: WATER CLEAR (NON-TINTED, NON-DIFFUSED).
2. DIE: InGaN BLUE
3. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
4. DIALIGHT PART NUMBER: 521-9918

OPERATING CHARACTERISTICS AT 25°C AMBIENT					
LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	240		680	mcd	$I_f = 20 \text{ mA}$
FORWARD VOLTAGE		3.5	4.0	V	$I_f = 20 \text{ mA}$
REVERSE CURRENT			10	μA	$V_R = 5 \text{ V}$
DOMINANT WAVELENGTH		470		nm	$I_f = 20 \text{ mA}$
PEAK WAVELENGTH	460	464	480	nm	$I_f = 20 \text{ mA}$
VIEWING ANGLE (2 θ 1/2)		50		Degree	

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT		
	VALUE	UNITS
POWER DISSIPATION	140	mW
FORWARD DC CURRENT	30	mA
LINEAR DERATION FROM 55°C	0.8	mA/°C
PEAK FORWARD CURRENT ($\le 1/10 \text{ DUTY CYCLE } T_m$ $\le 10 \text{ msec.}$)	100	mA
REVERSE VOLTAGE @ $I_R = 10 \text{ mA}$	5	V
OPERATING TEMPERATURE	-35 TO +85	°C
STORAGE TEMPERATURE	-35 TO +85	°C
SOLDERING TEMPERATURE FOR 5 SECONDS	260	°C

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SCALE: 8:000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17092	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: $\pm 1/64$	Ø 3.0 mm BLUE LED	
DECIMALS (.XX): $\pm .01$	MATERIAL	
DECIMALS (.XXX): $\pm .005$		
ANGLES: $\pm 1^\circ$		
FINISH:	Dialight	
FSCM 83330	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET OF	FAMILY TABLE:	