



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

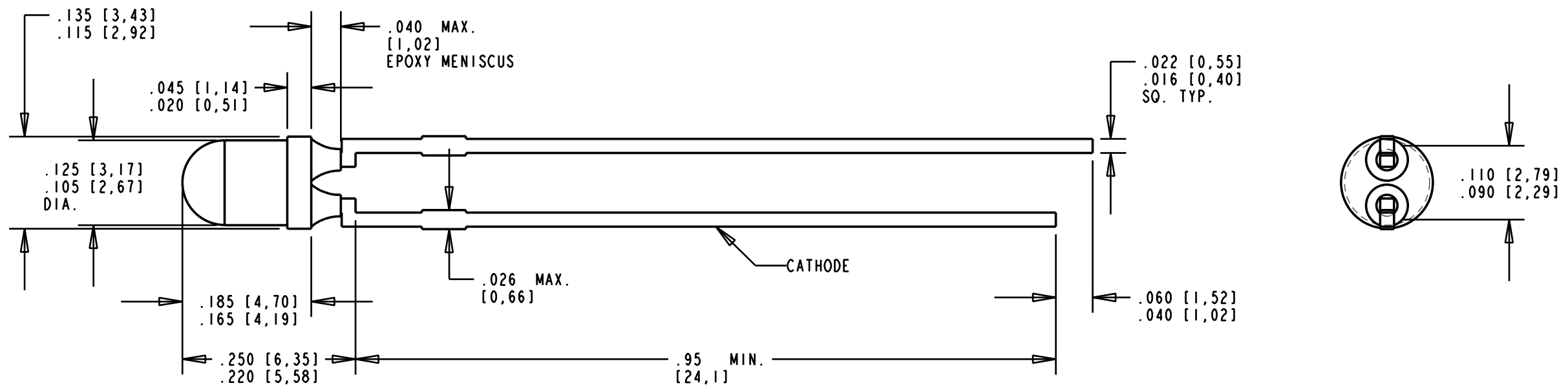
Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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	mc d	I _f = 20 mA
FORWARD VOLTAGE		3.5	4.0	V	I _f = 20 mA
REVERSE CURRENT			10	µA	V _R = 5 V
DOMINANT WAVELENGTH		470		nm	I _f = 20 mA
PEAK WAVELENGTH	460	464	480	nm	I _f = 20 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 ($\pm 1/10$ DUTY CYCLE $T_w < \pm 10</math>msec.)$	100	mA
REVERSE VOLTAGE @ I _R = 10 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: 6.000	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17092	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	∅ 3.0 mm BLUE LED	
DECIMALS (.XX): ±.01	MATERIAL	
DECIMALS (.XXX): ±.005	Dialight	
DECIMALS (.XXXX): ±.0005	1501 ROUTE 34 SOUTH	
ANGLES: ±1°	FARMINGDALE, NJ 07727	
FINISH:	FSCM 83330	SHEET OF FAMILY TABLE: