



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

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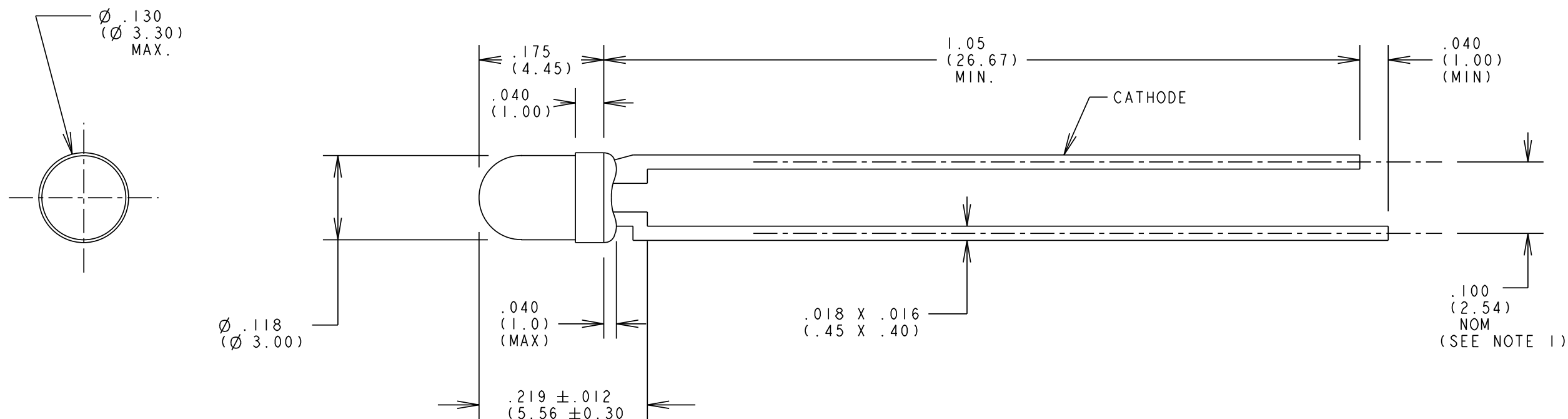
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



REV	ECN NO	REVISIONS	DRN	CKD	APP	QA	CM	DATE
A		NEW RELEASE	00					

- NOTES:
- LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
  - THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.
  - SOLDER ADHERANCE: BOTH LEADS PER MIL. STD. 202E, METHOD 208C, EXCEPT STEAM AGING.
  - LED LEAD FINISH TIN(Sn)/NICKEL(Ni) ON COPPER(Cu).
  - LEDS PACKAGED IN BULK
  - PACKAGE TO HAVE LABEL SHOWING DIALIGHT PART NUMBER, QTY PER BAG, DATE CODE, COUNTRY OF ORIGIN, AND INTENSITY BIN, COLOR BIN AND LOT NUMBER. IF APPLICABLE
  - PART NUMBER WITH "F" SUFFIX ENDING IS RoHS COMPLIANT. THE BAG PACKAGING IS MARKED WITH "RoHS COMPLIANT" LABEL OR EQUIVALENT MARKINGS. PART CAN BE WAVE SOLDERED, DIP SOLDERED OR HAND SOLDERED USING TYPICAL LEAD-FREE SOLDERING PROCESS WITH MAX. 260°C TEMPERATURE

DIALIGHT P/N	DIFFUSED LENS COLOR	PEAK EMISSION WAVELENGTH (nm)	DOMINANT WAVELENGTH (nm) TYP.	VIEWING ANGLE (°) 2 @ 1/2	LUMINOUS INTENSITY (mcd) @ I <sub>f</sub> = 2 mA; 25°C		FORWARD VOLTAGE (V) @ I <sub>f</sub> = 2 mA; 25°C		REVERSE CURRENT (μA); 25°C	REVISIONS		
					MIN.	TYP.	TYP.	MAX.	MAX.	REV	DRN.	DATE
521-9324F	RED	635	---	60	1.0	1.6	1.7	2.2	10 @ V <sub>R</sub> = 5 V	A	00	11-10-06
521-9326F	GREEN	565	---	60	1.0	1.6	1.9	2.2	10 @ V <sub>R</sub> = 5 V	A	00	11-10-06
521-9325F	YELLOW	591	587	60	2.3	5.0	1.8	2.4	100 @ V <sub>R</sub> = 5 V	A	00	11-10-06



ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT				UNITS
	521-9324F	521-9326F	521-9325F	
POWER DISSIPATION	20	20	75	mW
CONTINUOUS FORWARD CURRENT	7	7	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	500	500	60	mA
REVERSE VOLTAGE	5			V
SOLDERING TEMPERATURE (.063/(1.60) FROM BODY	260°C FOR 5 SEC			°C
OPERATING TEMPERATURE	-55 TO +100	-40 TO +100		°C
STORAGE TEMPERATURE	-55 TO +100			°C



**ATTENTION:**  
OBSERVE PRECAUTIONS FOR  
HANDLING ELECTROSTATIC  
SENSITIVE DEVICES

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.		
SCALE: DRAWING SCALE ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17441	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 3mm Ø DIFFUSED LED low current ROHS COMPLIANT	
FINISH:	MATERIAL	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1 FAMILY TABLE:		