



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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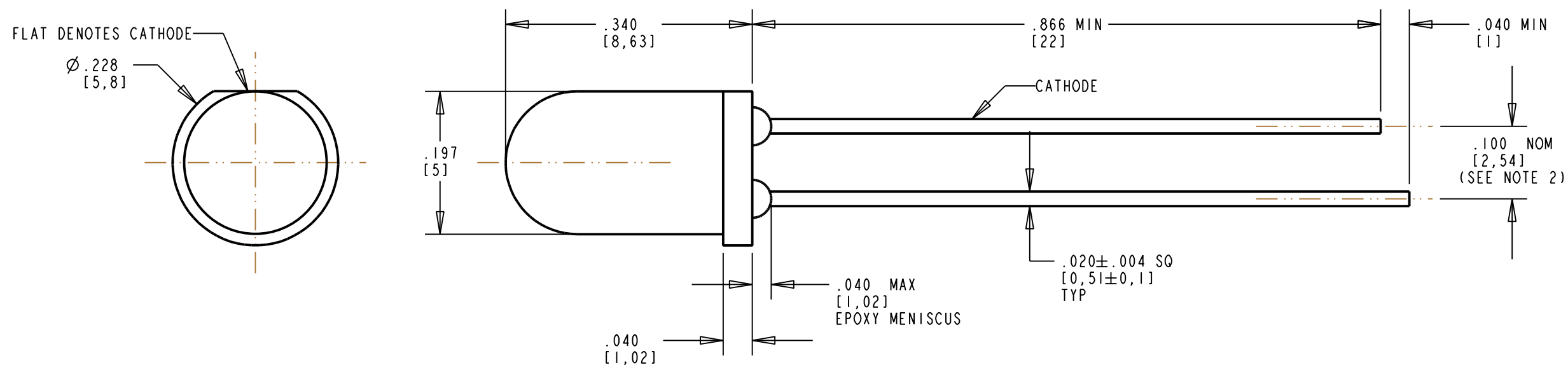
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
LED CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITION
LUMINOUS INTENSITY	2500	4200	7200	mcd	I _F = 20 mA
PEAK WAVELENGTH		518		nm	
DOMINANT WAVELENGTH	520	527	535	nm	
VIEWING ANGLE (2 Θ _{1/2})		30		DEG	
FORWARD VOLTAGE		3.8	4.3	V	I _F = 20 mA

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TC	N.O.	MES	10-5-06
B	—	UPDATED LED SPECS. REMOVED NOTES 2 & 4.	KLJ	JLC	N.O.	4-15-09

ABSOLUTE MAXIMUM RATINGS 25°C AMBIENT		
PARAMETER	VALUE	UNITS
DC FORWARD CURRENT	30	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1ms PULSE WIDTH)	100	mA
POWER DISSIPATION	135	mW
DERATING LINEARLY FROM 30°C	0.5	mA/°C
REVERSE VOLTAGE (I _R = 100μA)	5	V
OPERATING TEMPERATURE RANGE	-40 to +85	°C
STORAGE TEMPERATURE RANGE	-40 to +100	°C
DIP-DRAG SOLDER TEMPERATURE (FOR 5 SEC.)	260	°C

NOTES:

- LENS COLOR: WATER CLEAR
- 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.
- DIALIGHT PART NUMBER: 521-9947F
- 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 FOR 5 SEC.



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: 6.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17433	REV B
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.010	TITLE ∅5.0mm GREEN LED	MATERIAL
ANGLES: ±1° FINISH:		
FSCM 83330	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1		FAMILY TABLE:



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES