



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

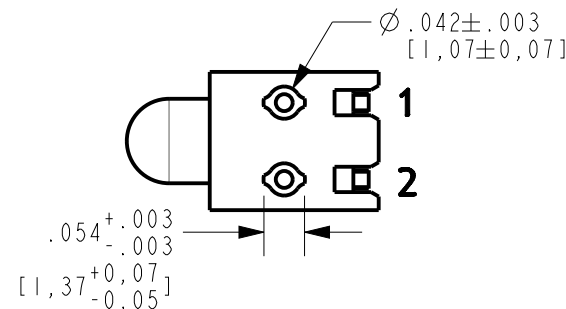
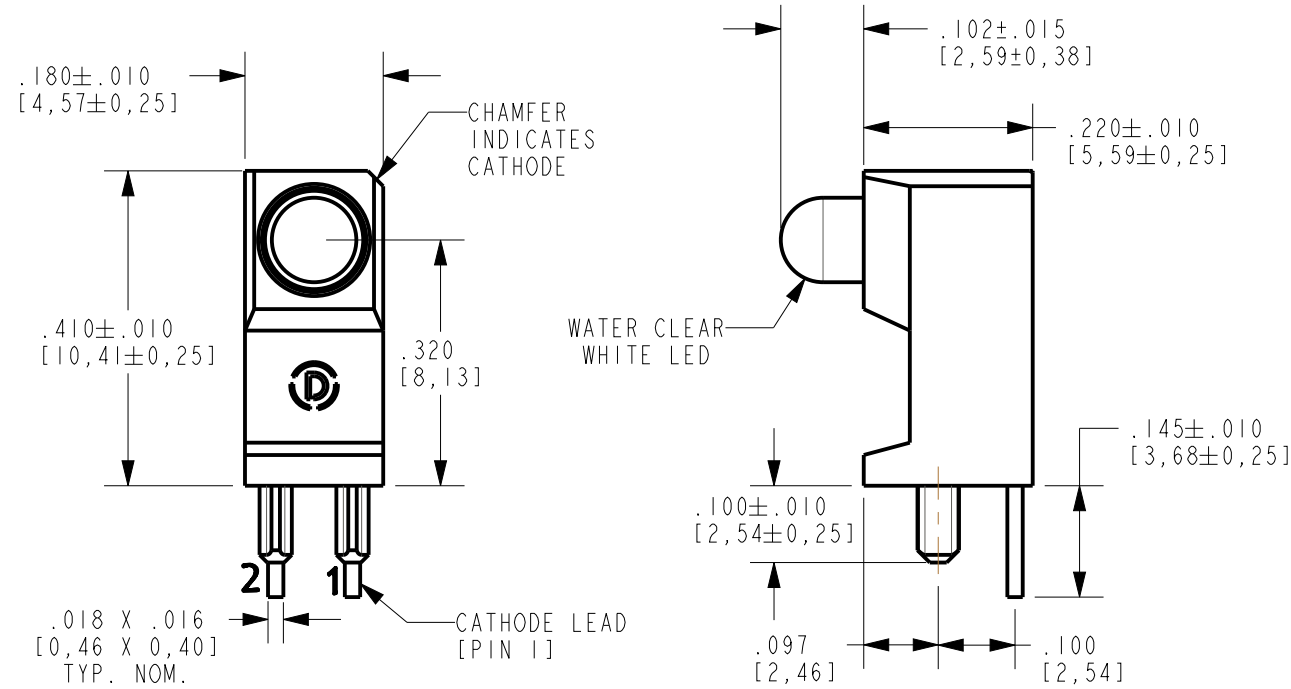
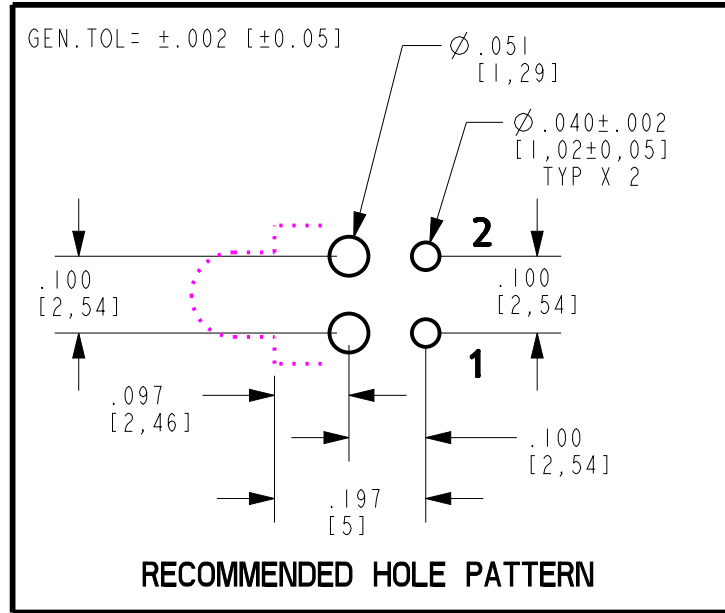
Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



# RoHS COMPLIANT 551-4104-801F

Part Numbers with the "F" suffix ending are RoHS Compliant. Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	WFB	JTD	N.O.	8-27-13



### OPERATING CHARACTERISTICS AT 25°C AMBIENT

CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	1900	3000	4200	mcd	$I_F = 20 \text{ mA}$
FORWARD VOLTAGE	2.7	3.3	3.8	V	$I_F = 20 \text{ mA}$
REVERSE VOLTAGE		5		V	
REVERSE CURRENT			100	$\mu\text{A}$	$V_R = 5 \text{ V}$
CHROMATICITY COORDINATES	X	.029			$I_F = 20 \text{ mA}$
	Y	.028			
VIEWING ANGLE	45			Degree	

### NOTES:

- 1-LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- 2-LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- 3.PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- 4.DIALIGHT PART NUMBER = 551-4104-801F
- 5.THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.

### ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT

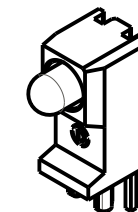
		UNITS
POWER CONSUMPTION	120	mW
FORWARD CURRENT	30	mA
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	260	°C
OPERATING TEMPERATURE	-40 TO +85	°C
STORAGE TEMPERATURE	-40 TO +100	°C



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



**SINGLE COLOR LED SCHEMATIC**



SCALE 2.000

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SCALE: 4.000 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-17996	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE CUSTOM CBI BLOCK	
FINISH:	MATERIAL	
FSCM 83330	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1 FAMILY TABLE:		