



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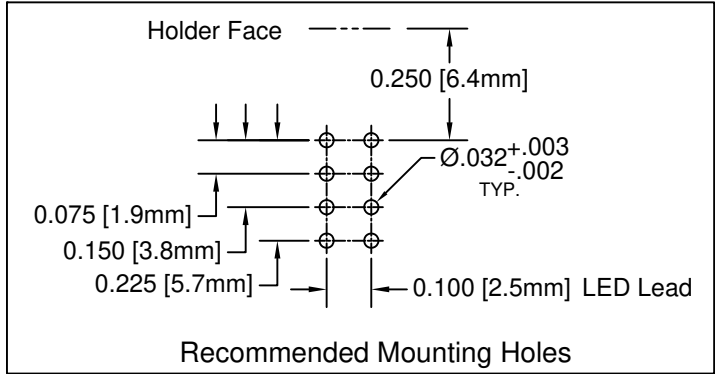
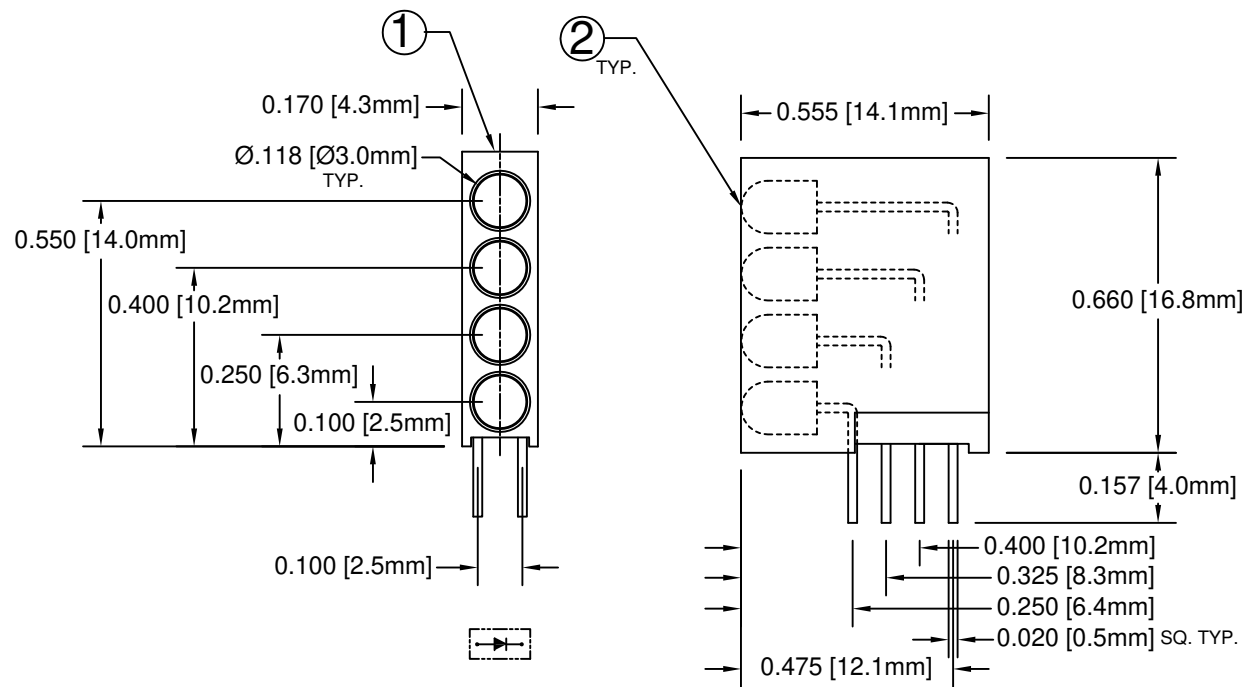
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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-455C	T-1 (3mm) Quad-Level LED Holder, 90° Mount and Bottom Piece
2	4	3XX-S	T-1 (3mm) N-Flange Shouldered LED, See Page 2. Reference P/N Designation Note.

REV.	DESCRIPTION	DATE	APPROVED
D	Changed Bottom Piece Part Number to BH-340	08/17/07	M. C.
E	LED Package Change to 3XX-S LEDs	12/14/07	M. C.
F	Added P/N Designation Note and Removed Bottom Piece Callout	06/19/08	M. C.
G	Engineering Update w/o Changes	08/04/16	J. C.



#### NOTE: P/N DESIGNATION

H455CGHYGDL	
H-455 Holder Series	- " " Standard LED
Color of top LED	- "L" Low Current LED
- Use "X" if blank	- ""5V" 5V LED
Color of LED, 2nd from top	- Diffused Lens
- Use "X" if blank	- Color of bottom LED
Color of LED, 3rd from top	
- Use "X" if blank	

-If LEDs are the same,  
use e.g. H455CGD

All Green LEDs



## ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

REVERSE VOLTAGE	5V
REVERSE CURRENT	100uA
OPERATING TEMPERATURE RANGE	-40° C - 80° C
STORAGE TEMPERATURE	-40° C - 100° C
LEAD SOLDERING TEMPERATURE (1/16" FROM BODY)	260° C FOR 5 SECONDS

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED )			
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	4 THOMAS, IRVINE, CA. 92618	
.XX ± .02		TEL: (949) 951-8808 FAX: (949) 951-3974	
.XXX ± .010		TITLE: T-1 (3mm) SINGLE STATION 90° QUAD-LEVEL ASSEMBLY	
DESIGNED: T. Yin	DATE: 03/08/04	PART NO: H455CXX	REVISION: G
CHECKED: D. Green	DATE: 03/08/04	CAGE CODE : 32559	SHEET # 1 OF 2
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

LED Assy. No.	Peak Wave Length λp (nm)	Emitted Color	Lens Appearance	Electro-Optical Data				Viewing Angle 2 θ ½ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
				TYP	TYP	MAX	TYP		
STANDARD				Data @ 20m A					
H455CBWD	430	BLUE	DIFFUSED	20	4.0	4.5	20	45	3BWD-S
H455CGD	565	GREEN	DIFFUSED	20	2.2	2.6	30	45	3GD-S
H455CYD	585	YELLOW	DIFFUSED	20	2.1	2.6	20	45	3YD-S
H455CHD	635	HE RED	DIFFUSED	20	2.0	2.6	30	45	3HD-S
H455CRD	655	RED	DIFFUSED	20	1.7	2.0	6	45	3RD-S
H455CSR	660	SUPER RED	DIFFUSED	20	1.7	2.6	90	45	3SRD-S
LOW CURRENT				Data @ 2m A					
H455CGDL	565	GREEN	DIFFUSED	2	1.9	2.2	6	45	3GDL-S
H455CYDL	585	YELLOW	DIFFUSED	2	1.9	2.2	4	45	3YDL-S
H455CHDL	635	HE RED	DIFFUSED	2	1.8	2.2	6	45	3HDL-S
5 VOLT				Data @ 5V					
H455CGD5V	565	GREEN	DIFFUSED	10	-	5.0	30	45	3GD5V-S
H455CYD5V	585	YELLOW	DIFFUSED	10	-	5.0	20	45	3YD5V-S
H455CHD5V	635	HE RED	DIFFUSED	10	-	5.0	30	45	3HD5V-S

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED ) $\pm 10\%$ ALL VALUES      ANGULAR		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808    FAX: (949) 951-3974	
DESIGNED: <b>T. Yin</b>		 DATE: <b>03/08/04</b>	<b>TITLE:</b> T-1 (3mm) SINGLE STATION 90° QUAD-LEVEL ASSEMBLY <b>PART NO:</b> H455CXX <b>REVISION:</b> G
CHECKED: <b>D. Green</b>		DATE: <b>03/08/04</b>	<b>CAGE CODE :</b> 32559 <b>SHEET # 2 OF 2</b> <small>CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.</small>