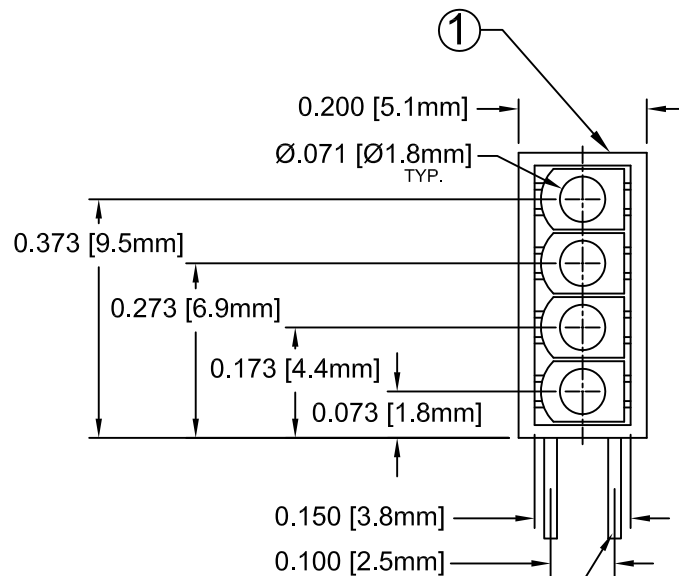


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-485C	Quad-Level Sub-Miniature (1.8mm) LED 90° Holder
2	4	1.8XXX	Sub-Miniature (1.8mm) Radial LED, See Page 2

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Update w/o Changes	03/08/04	M. C.
B	Added P/N Configuration and LED Specs	09/17/09	T. Y.



NOTE: P/N CONFIGURATION

H485CXXXXDX

- H-485C: Holder Series
- XXXX: Color of top LED - "X" if blank
- XXXX: Color of 2nd from top LED - "X" if blank
- XXXX: Color of 3rd from top LED - "X" if blank
- D: Lens Appearance
- X: Color of bottom LED - Use "X" if blank

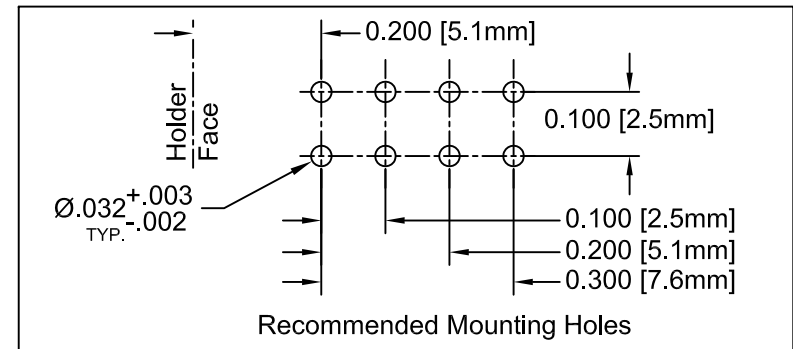
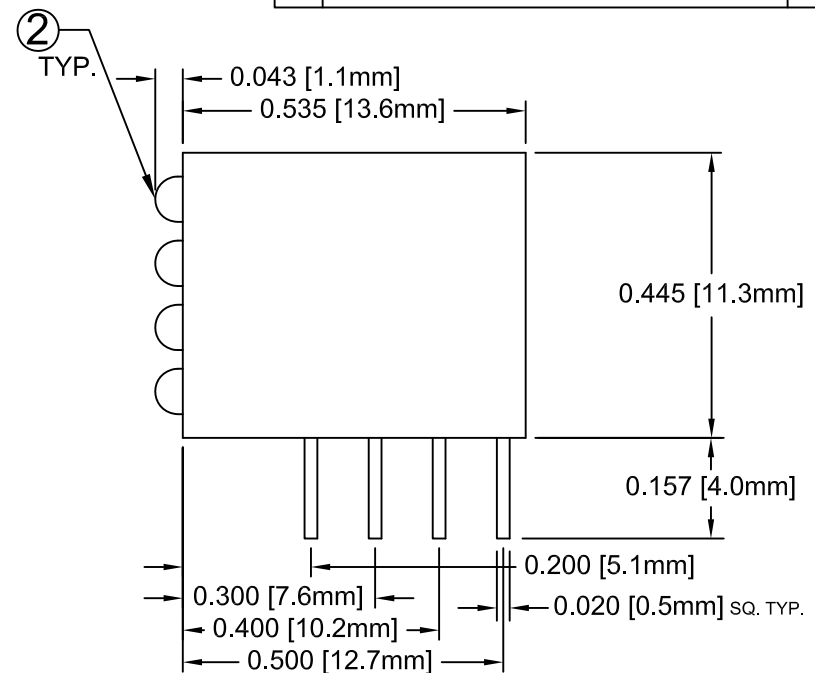
e.g. H485CRYGXD

- H: Series
- 4: Diffused Lens Appearance
- 8: No LED
- 5: Green, 3rd from top
- C: Yellow, 2nd from top
- R: Red, top LED
- Y: Green, 3rd from top
- G: Yellow, 2nd from top
- X: Red, top LED
- D: Diffused Lens Appearance

-If LEDs are the same, use e.g. H485CGD

All Green LEDs

CATHODE



ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

REVERSE VOLTAGE _____ 5V

REVERSE CURRENT _____ 100uA

OPERATING TEMPERATURE RANGE _____ -25° C - 85° C

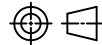
STORAGE TEMPERATURE _____ -30° C - 100° C

LEAD SOLDERING TEMPERATURE(1/16" FROM BODY) _____ 260° C FOR 5 SECONDS

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 BIVAR 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ±.1	X° ± 1°		
.XX ±.02			
.XXX ±.010			
DESIGNED: Ty Yin	DATE: 03/08/04	TITLE: SUB-MINIATURE (1.8MM) 90° QUAD-LEVEL LED ASSEMBLY	
CHECKED: D. Green	DATE: 03/08/04	PART NO: H485CXX	REVISION: B
		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 @ 20mA					
H485CAD	605	AMBER	DIFFUSED	20	2.0	2.8	20	50	1.8AD
H485CBWD	430	BLUE	DIFFUSED	20	4.0	4.5	10	50	1.8BWD
H485CGD	568	GREEN	DIFFUSED	20	2.1	2.8	20	50	1.8GD
H485CHD	625	HE RED	DIFFUSED	20	2.0	2.8	20	50	1.8HD
H485CRD	700	RED	DIFFUSED	20	2.1	2.8	2	50	1.8RD
H485CYD	590	YELLOW	DIFFUSED	20	2.0	2.8	10	50	1.8YD
LOW CURRENT				Data @ 2mA					
H485CADL	605	AMBER	DIFFUSED	2	2.0	2.6	2	50	1.8ADL
H485CBWDL	430	BLUE	DIFFUSED	2	3.8	4.2	1	50	1.8BWDL
H485CGDL	568	GREEN	DIFFUSED	2	2.1	2.6	2	50	1.8GDL
H485CHDL	625	HE RED	DIFFUSED	2	2.0	2.6	2	50	1.8HDL
H485CYDL	590	YELLOW	DIFFUSED	2	2.0	2.6	1	50	1.8YDL

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) $\pm 10\%$ ALL VALUES ANGULAR		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DESIGNED: Ty Yin	DATE: 03/08/04		
CHECKED: D. Green	DATE: 03/08/04	 TITLE: SUB-MINIATURE (1.8MM) 90° QUAD-LEVEL LED ASSEMBLY PART NO: H485CXX REVISION: B	CAGE CODE : 32559 SHEET # 2 OF 2 CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.