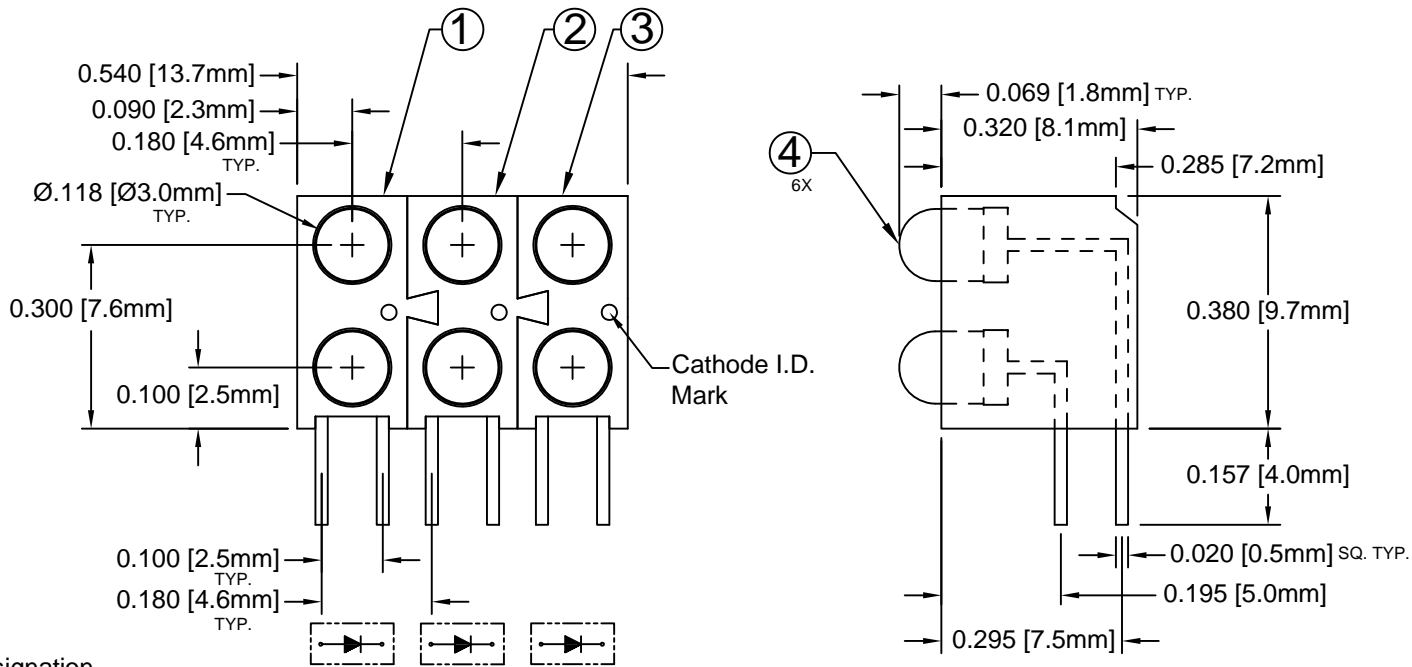


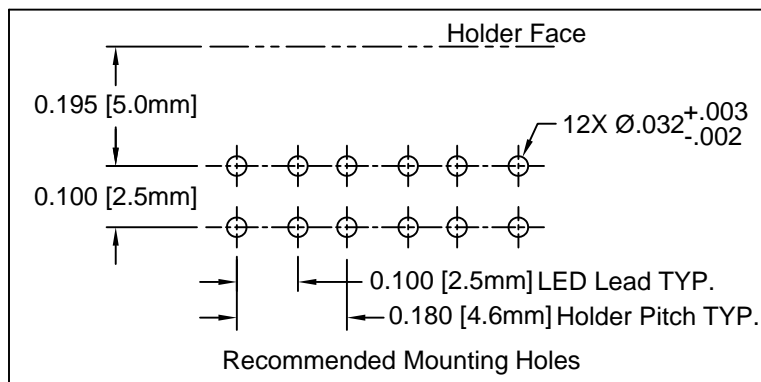
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-202C	T1 (3mm) Bi-Level LED Holder, 90° Mount, Left End
2	1	H-200C	T1 (3mm) Bi-Level LED Holder, 90° Mount, Middle
3	1	H-203C	T1 (3mm) Bi-Level LED Holder, 90° Mount, Right End
4	6	3XX-S	T1 (3mm) N-Flange Shouldered LED, See Page 2

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	06/16/10	T. Y.
B	Design Update	08/09/10	T. Y.
C	Engineering Update w/o Changes	06/21/16	J. C.



Note: P/N Designation

H203CY X D X X
 Color of top row LEDs - "L" Low Current LED
 -Use "X" if blank - "5V" 5V LED
 Color of bottom row LEDs - " " if Standard LED
 -Use "X" if blank
 - If top and bottom rows are same LED,
 i.e. H203CYD




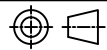
ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

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®	
DECIMALS	ANGULAR	4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
.X ± .1	X° ± 1°	TITLE: T1 (3MM)	
.XX ± .02		90° BI-LEVEL LED ASSY	
.XXX ± .010		PART NO: H203CXX	REVISION: C
DESIGNED: R. Paje	DATE: 06/16/10	CAGE CODE : 32559	SHEET # 1 OF 2
CHECKED: T. Yin	DATE: 06/16/10	CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.	

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

LED Assy. No.	Peak Wave Length λ_p (nm)	Emitted Color	Lens Appearance	Electro-Optical Data				Viewing Angle $2\theta_{1/2}$ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
				TYP	TYP	MAX	TYP		
STANDARD				Data @ 20mA					
H203CBWD	430	BLUE	DIFFUSED	20	4.0	4.5	10	40	3BWD-S
H203CGD	568	GREEN	DIFFUSED	20	2.1	2.8	25	40	3GD-S
H203CGC	568	GREEN	WATER CLEAR	20	2.1	2.8	40	30	3GC-S
H203CYD	590	YELLOW	DIFFUSED	20	2.0	2.8	20	40	3YD-S
H203CHD	625	HE RED	DIFFUSED	20	2.0	2.8	30	40	3HD-S
H203CRD	700	RED	DIFFUSED	20	2.1	2.8	2	40	3RD-S
H203CSR	645	SUPER RED	DIFFUSED	20	1.7	2.4	40	40	3SRD-S
H203CAD	605	AMBER	DIFFUSED	20	2	2.8	25	40	3AD-S
LOW CURRENT				Data @ 2mA					
H203CGDL	568	GREEN	DIFFUSED	2	2.1	2.6	2	40	3GDL-S
H203CYDL	590	YELLOW	DIFFUSED	2	2.0	2.6	2	40	3YDL-S
H203CHDL	625	HE RED	DIFFUSED	2	2.0	2.6	3	40	3HDL-S
H203CRDL	700	RED	DIFFUSED	2	2.1	2.6	1	40	3RDL-S
5 VOLT				Data @ 5V					
H203CGD5V	568	GREEN	DIFFUSED	-	-	5.0	25	40	3GD5V-S
H203CYD5V	590	YELLOW	DIFFUSED	-	-	5.0	20	40	3YD5V-S
H203CHD5V	625	HE RED	DIFFUSED	-	-	5.0	30	40	3HD5V-S
H203CRD5V	700	RED	DIFFUSED	-	-	5.0	2	40	3RD5V-S

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) DECIMALS ANGULAR		 BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
			
DESIGNED: R. Paje	DATE: 06/16/10	PART NO: H203CXX	
CHECKED: T. Yin	DATE: 06/16/10	REVISION: C	
		CAGE CODE : 32559 SHEET # 2 OF 2	
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			