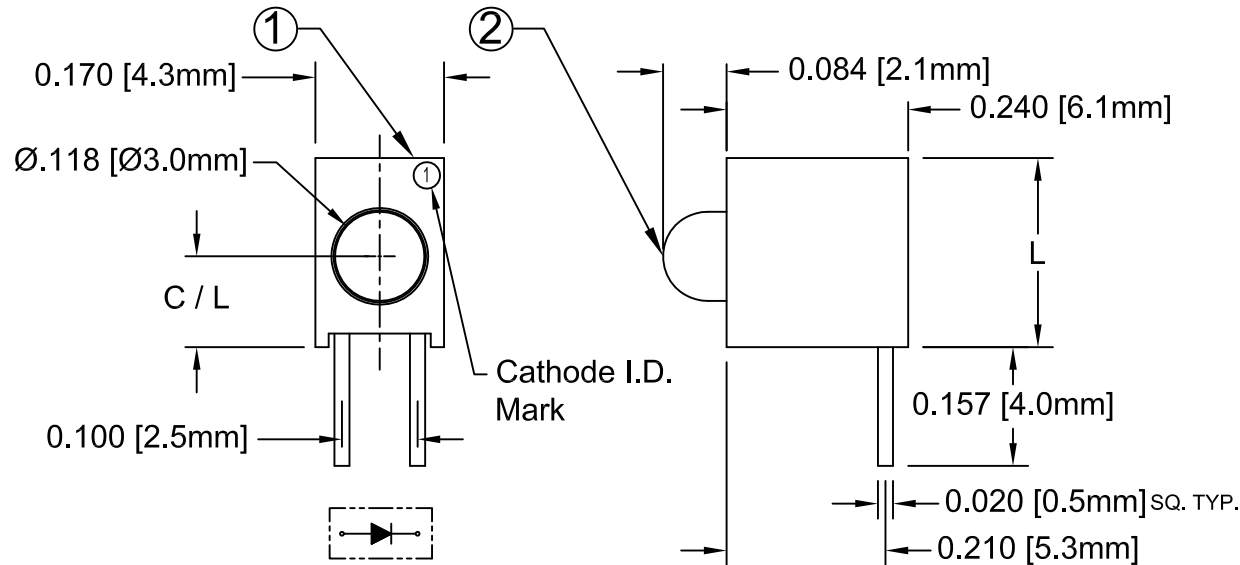


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-131C-1-XXX	T-1 (3mm) LED Holder, 90° Mount, Var. C/L
2	1	3XX-S	T-1 (3mm) N-Flange Shouldered LED, See Page 2

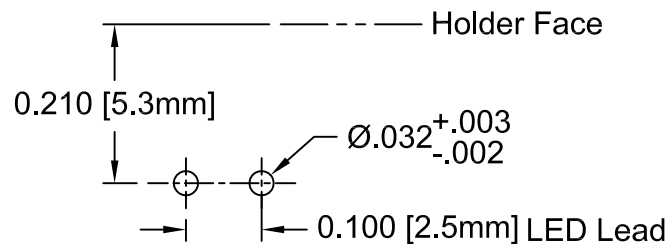
REV.	DESCRIPTION	DATE	APPROVED
C	Add Clear Low Current LED on Page 2	01/31/07	M. C.
D	LED Package Change to 3XX-S LEDs.	10/26/07	M. C.
E	Corrected Page 2	12/14/07	M. C.
F	Updated H131CRDL-XXX Spec, P. 2	05/01/08	M. C.
G	Added H131CSRT-XXX Spec, P. 2	01/27/09	T. Y.



EXAMPLE:

H131CRD-160*

Centerline "C/L"
LED Color & Lens Appearance.
Omit 3 when ordering.
Series * XXX = Centerline "C/L"



Recommended Mounting Holes

Available Centerlines		
XXX	C/L	L
120	.120 (3.0)	.250 (6.4)
140	.140 (3.6)	.270 (6.9)
160	.160 (4.1)	.290 (7.4)
180	.180 (4.6)	.310 (7.9)

ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

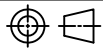
REVERSE VOLTAGE _____ 5V

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)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
<u>DECIMALS</u>	<u>ANGULAR</u>		
.X ± .1	X° ± 1°	 TITLE: T-1 (3MM) 90° SINGLE-LEVEL VAR. C/L LED ASSY	
.XX ± .02			
.XXX ± .010		PART NO: H131CXX-XXX	
DESIGNED: David Green	DATE: 06/11/03	REVISION: G	
CHECKED: M. Chen	DATE: 06/11/03	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					
H131CBWD-XXX	430	BLUE	DIFFUSED	20	4.0	4.5	10	40	3BWD-S
H131CGD-XXX	568	GREEN	DIFFUSED	20	2.1	2.8	25	40	3GD-S
H131CYD-XXX	590	YELLOW	DIFFUSED	20	2.0	2.8	20	40	3YD-S
H131CHD-XXX	625	HE RED	DIFFUSED	20	2.0	2.8	30	40	3HD-S
H131CRD-XXX	700	RED	DIFFUSED	20	2.1	2.8	2	40	3RD-S
H131CSR-XXX	645	SUPER RED	DIFFUSED	20	1.7	2.4	40	40	3SRD-S
H131CSRT-XXX	645	SUPER RED	TINTED	20	1.7	2.4	60	30	3SRT-S
LOW CURRENT				Data @ 2m A					
H131CACL-XXX	610	AMBER	WATER CLEAR	2	1.9	2.2	11.5	30	3ACL-S
H131CBWCL-XXX	430	BLUE	WATER CLEAR	2	3.5	4.0	10	30	3BWCL-S
H131CGCL-XXX	568	GREEN	WATER CLEAR	2	2.1	2.6	4	30	3GCL-S
H131CHCL-XXX	625	HE RED	WATER CLEAR	2	2.0	2.6	4	30	3HCL-S
H131CPGCL-XXX	555	PURE GREEN	WATER CLEAR	2	2.1	2.6	1	30	3PGCL-S
H131CRCL-XXX	655	RED	WATER CLEAR	2	1.9	2.2	1.9	30	3RCL-S
H131CYCL-XXX	590	YELLOW	WATER CLEAR	2	2.0	2.6	4	30	3YCL-S
H131CGDL-XXX	568	GREEN	DIFFUSED	2	2.1	2.6	2	40	3GDL-S
H131CYDL-XXX	590	YELLOW	DIFFUSED	2	2.0	2.6	2	40	3YDL-S
H131CHDL-XXX	625	HE RED	DIFFUSED	2	2.0	2.6	2.5	40	3HDL-S
H131CRDL-XXX	700	RED	DIFFUSED	2	2.1	2.6	0.5	40	3RDL-S
5 VOLT				Data @ 5V					
H131CGD5V-XXX	568	GREEN	DIFFUSED	8	-	5.0	25	40	3GD5V-S
H131CYD5V-XXX	590	YELLOW	DIFFUSED	8	-	5.0	20	40	3YD5V-S
H131CHD5V-XXX	625	HE RED	DIFFUSED	8	-	5.0	30	40	3HD5V-S

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) <u>±10% ALL VALUES</u>		ANGULAR X° ± 5°		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
				TITLE: T-1 (3MM) 90° SINGLE-LEVEL VAR. C/L LED ASSY	
DESIGNED: David Green	DATE: 06/11/03	PART NO: H131CXX-XXX		REVISION: G	
CHECKED: M. Chen	DATE: 06/11/03	CAGE CODE : 32559	SHEET # 2 OF 2		
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Website :

Welcome to visit www.ameya360.com

Contact Us :

➤ Address :

401 Building No.5, JiuGe Business Center, Lane 2301, Yishan Rd
Minhang District, Shanghai , China

➤ Sales :

Direct +86 (21) 6401-6692
Email amall@ameya360.com
QQ 800077892
Skype ameyasales1 ameyasales2

➤ Customer Service :

Email service@ameya360.com

➤ Partnership :

Tel +86 (21) 64016692-8333
Email mkt@ameya360.com