

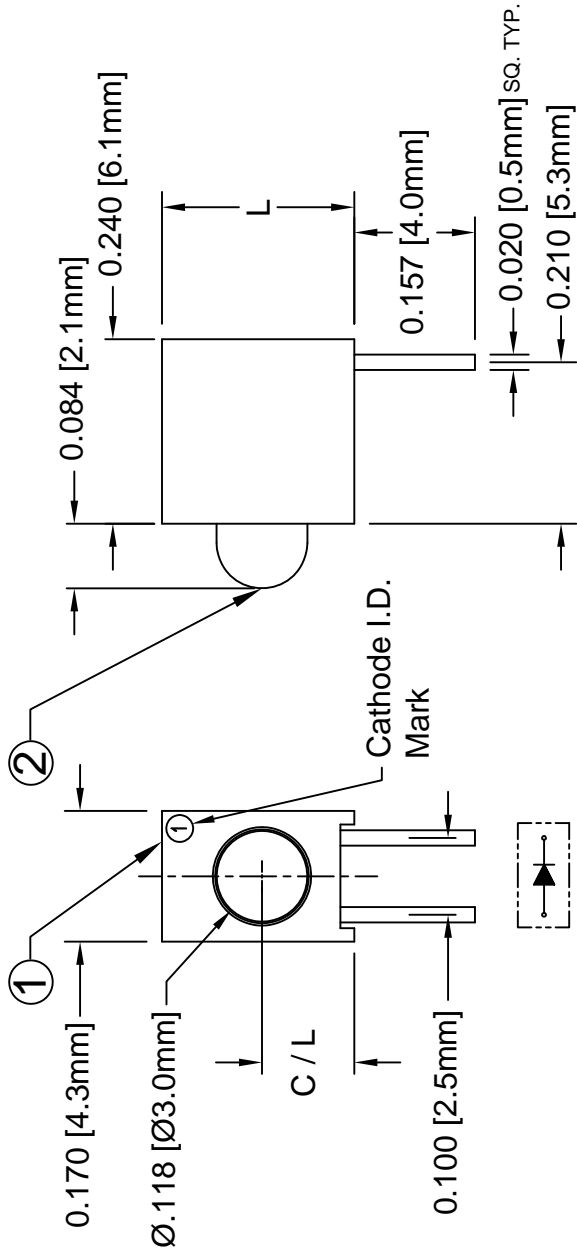


**THE DATASHEET OF  
H131CGDL-160**

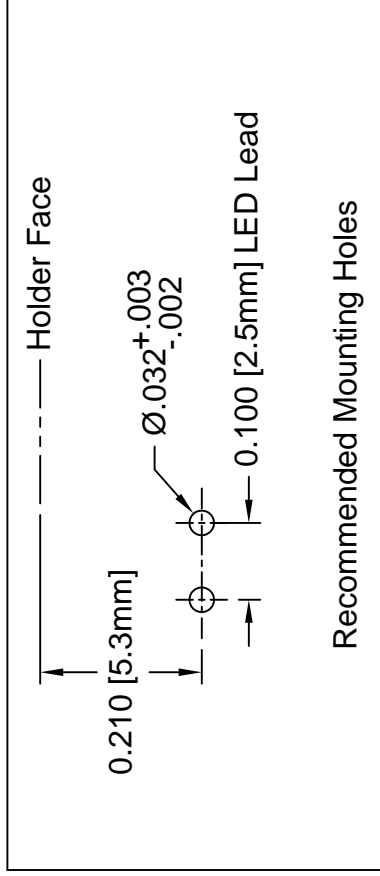


REV.	DESCRIPTION
E	Corrected Page 2
F	Updated H131CRDL
G	Added H131CSRT-X
H	Added Assembly Spc
J	Engineering Update

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



EXAMPLE:  
H131CRD-16  
LE  
Om  
Series



Available Centerlines	
XXX	C/L
120	.120 (3.0)
140	.140 (3.6)
160	.160 (4.1)
180	.180 (4.6)

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

REVERSE VOLTAGE \_\_\_\_\_ 5V  
 REVERSE CURRENT \_\_\_\_\_ 100µA  
 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 TOLERANCES (UNLESS OTHERWISE SPECIFIED)	
DECIMALS	ANGULAR
.X	±.1
.XX	±.02
.XXX	±.010
X°	
DESIGNED:	DATE: <b>06/1</b>
<b>D. Green</b>	
CHECKED:	DATE: <b>06/1</b>
<b>M. Chen</b>	

LED Assy. No.	Peak Wave Length $\lambda_p$ (nm)	Emitted Color	Lens Appearance	Electro-Optical Data			
				If (mA)	Vf (V)	IV (mcd)	TYP
<b>STANDARD</b>							
Data @ 20mA							
H131CBWD-XXX	430	BLUE	DIFFUSED	20	4.0	4.5	10
H131CGD-XXX	568	GREEN	DIFFUSED	20	2.1	2.8	25
H131CSGD-XXX	568	SUPER GREEN	DIFFUSED	20	2.1	2.8	30
H131CSGT-XXX	568	SUPER GREEN	TINTED	20	2.1	2.8	50
H131CYD-XXX	590	YELLOW	DIFFUSED	20	2.0	2.8	20
H131CSYD-XXX	590	SUPER YELLOW	DIFFUSED	20	2.0	2.8	30
H131CHD-XXX	625	HE RED	DIFFUSED	20	2.0	2.8	30
H131CRD-XXX	700	RED	DIFFUSED	20	2.1	2.8	2
H131CSR-XXX	645	SUPER RED	DIFFUSED	20	1.7	2.4	40
H131CSRT-XXX	645	SUPER RED	TINTED	20	1.7	2.4	60
<b>LOW CURRENT</b>							
Data @ 2mA							
H131CACL-XXX	610	AMBER	WATER CLEAR	2	1.9	2.2	11.5
H131CBWCL-XXX	430	BLUE	WATER CLEAR	2	3.5	4.0	10
H131CGCL-XXX	568	GREEN	WATER CLEAR	2	2.1	2.6	4
H131CHCL-XXX	625	HE RED	WATER CLEAR	2	2.0	2.6	4
H131CPGCL-XXX	555	PURE GREEN	WATER CLEAR	2	2.1	2.6	1
H131CRCL-XXX	655	RED	WATER CLEAR	2	1.9	2.2	1.9
H131CYCL-XXX	590	YELLOW	WATER CLEAR	2	2.0	2.6	4
H131CGDL-XXX	568	GREEN	DIFFUSED	2	2.1	2.6	2
H131CYDL-XXX	590	YELLOW	DIFFUSED	2	2.0	2.6	2
H131CHDL-XXX	625	HE RED	DIFFUSED	2	2.0	2.6	2.5
H131CRDL-XXX	700	RED	DIFFUSED	2	2.1	2.6	0.5
<b>5 VOLT</b>							
Data @ 5V							
H131CGD5V-XXX	568	GREEN	DIFFUSED	8	-	5.0	25
H131CYD5V-XXX	590	YELLOW	DIFFUSED	8	-	5.0	20
H131CHD5V-XXX	625	HE RED	DIFFUSED	8	-	5.0	30

STANDARD TOLERANCES  
( UNLESS OTHERWISE SPECIFIED )

±10% ALL VALUES

ANGULAR



DATE:

DESIGNED:

**D. Green**

DATE:

**06/1**

DATE:


**M. Chen**

DATE:

**06/1**

## Looking for pricing, stock, or lifecycle information?

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 [Bivar Inc. Information](#)

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-  Alternative Solution
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