

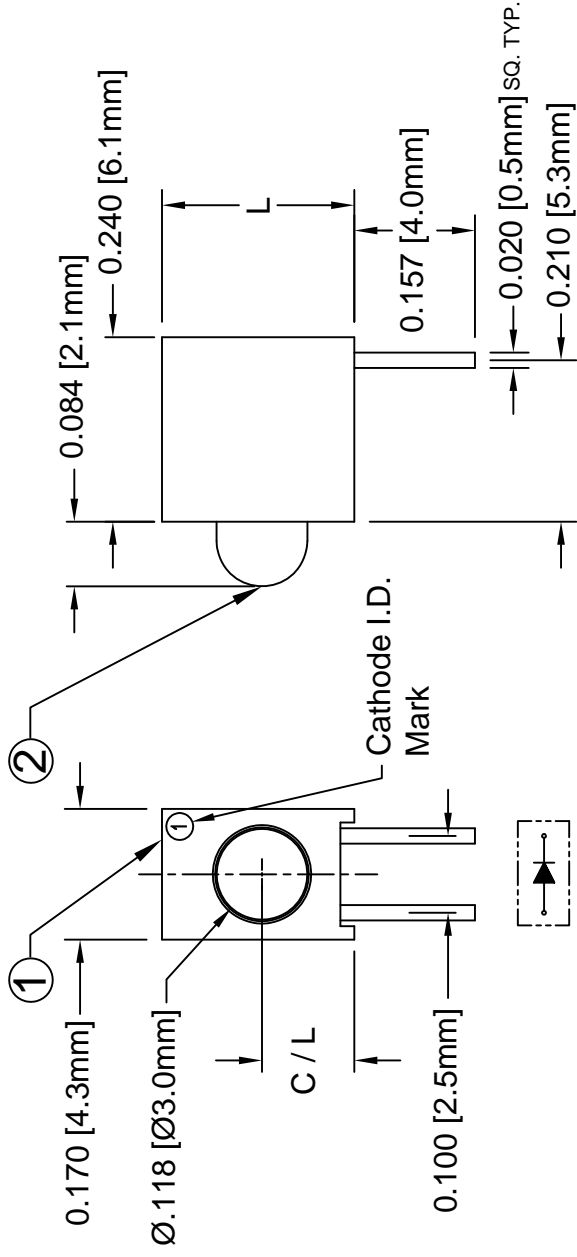


**THE DATASHEET OF
H131CGD-180**

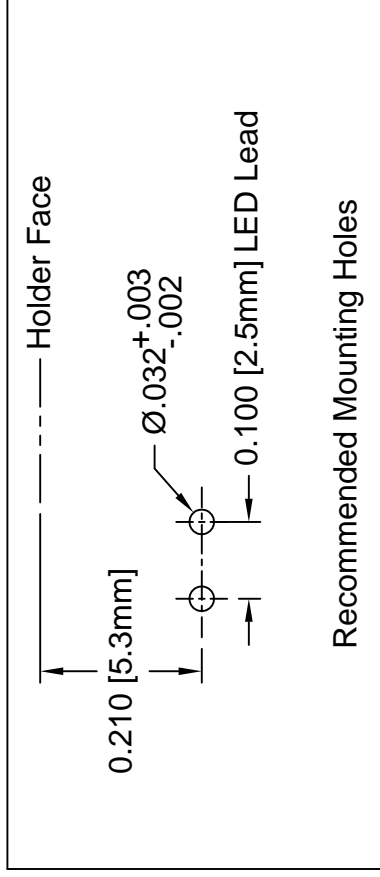


REV.	DESCRIPTION
E	Corrected Page 2
F	Updated H131CRDL
G	Added H131CSRT-X
H	Added Assembly Spc
J	Engineering Update

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
LED Om Series



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 _____ 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 X°
.XX	±.02
.XXX	±.010
DESIGNED BY:	DATE:
D. Green	06/1
CHECKED BY:	DATE:
M. Chen	06/1

LED Assy. No.	Peak Wave Length λ_p (nm)	Emitted Color	Lens Appearance	Electro-Optical Data			
				If (mA)	Vf (V)	IV (mcd)	TYP
STANDARD							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
LOW CURRENT							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
5 VOLT							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 TOLERANCE
(UNLESS OTHERWISE SPECIFIED)
±10% ALL VALUES



DATE:

06/1

DESIGNED:

D. Green

DATE:

06/1

CHECKED:

M. Chen

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) ±10% ALL VALUES		DESIGNED: D. Green	DATE: 06/1
		CHECKED: M. Chen	DATE: 06/1

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

 [View H131CGD-180 on WIN SOURCE](#)

 [Bivar Inc. Information](#)

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management