Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

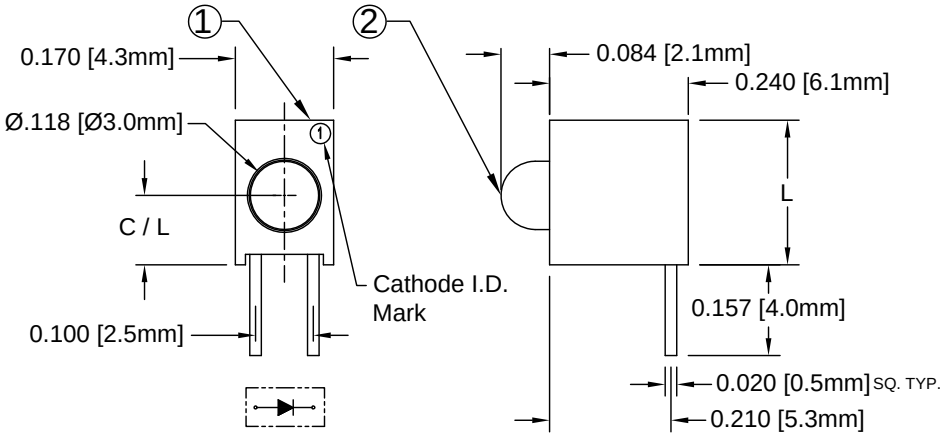
Bivar, Inc.
H131CBWD-180

For any questions, you can email us directly:
sales@integrated-circuit.com

Distributor of Bivar, Inc.: Excellent Integrated System Limited
Datasheet of H131CBWD-180 - LED ASSY RA 3MM BLUE DIFF
Contact us: sales@integrated-circuit.com Website: www.integrated-circuit.com

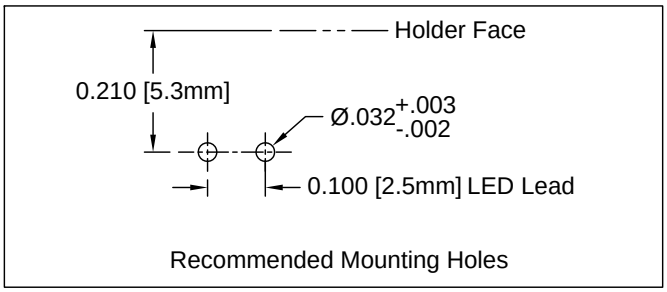
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-131C-1-XXX	T-1 (3mm) LED Holder, 90° Mount, Var. C/L
2	1	3XX-S	T-1 (3mm) N-Flange Shouldered LED, See Page 2

REV.	DESCRIPTION	DATE	APPROVED
E	Corrected Page 2	12/14/07	M. C.
F	Updated H131CRDL-XXX Spec, Page 2	05/01/08	M. C.
G	Added H131CSRT-XXX Spec, Page 2	01/27/09	T. Y.
H	Added Assembly Specs, Page2	03/11/10	T. Y.
J	Engineering Update w/o Changes	06/20/16	J. C.



EXAMPLE:
H131CRD-160*
- 160 → Centerline "C/L"
- RD → LED Color & Lens Appearance. Omit 3 when ordering.
- H131CR → 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)
DECIMALS: .X ± .1; .XX ± .02; .XXX ± .010
ANGULAR: X° ± 1°

BIVAR®
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:	DATE:	PART NO:	REVISION:
D. Green	06/11/03	H131CXX-XXX	J
CHECKED: M. Chen	DATE: 06/11/03	CAGE CODE : 32559	SHEET # 1 OF 2

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Datasheet of H131CBWD-180 - LED ASSY RA 3MM BLUE DIFF
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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**					
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
H131CSGD-XXX	568	SUPER GREEN	DIFFUSED	20	2.1	2.8	30	40	3SGD-S
H131CSGT-XXX	568	SUPER GREEN	TINTED	20	2.1	2.8	50	30	3SGT-S
H131CYD-XXX	590	YELLOW	DIFFUSED	20	2.0	2.8	20	40	3YD-S
H131CSYD-XXX	590	SUPER YELLOW	DIFFUSED	20	2.0	2.8	30	40	3SYD-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
H131CSRD-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 @ 2mA**					
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)
±10% ALL VALUES ANGULAR

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CHECKED: M. Chen	DATE: 06/11/03	CAGE CODE : 32559	SHEET # 2 OF 2

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