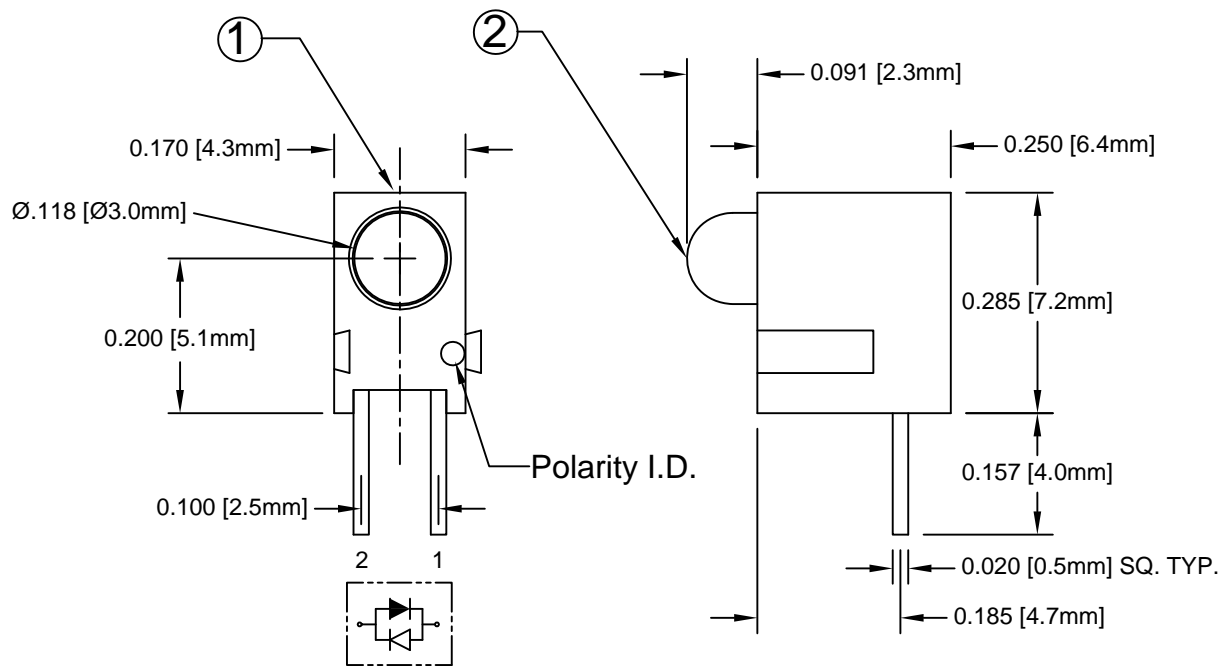
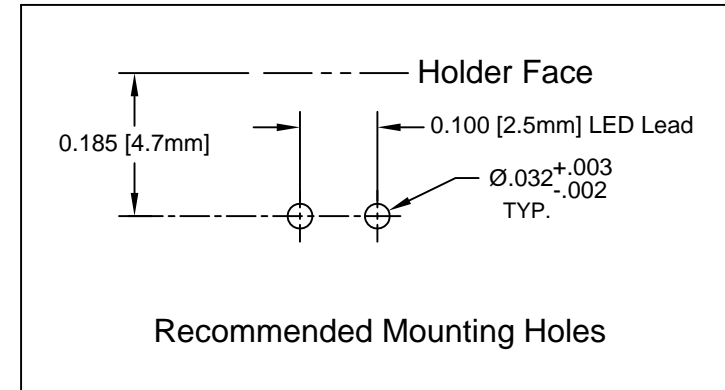


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-100C	T-1 (3mm) LED Holder, 90° Mount, Interlocking Center
2	1	3BC-X/X	T-1 (3mm) N-Flange Bi-Color LED

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	09/21/05	M. C.
B	Engineering Update w/o Changes	06/20/16	J. C.



LED PART NO.	1 CATHODE	2 CATHODE
3BC	RED	GREEN
3BC-Y/G	YELLOW	GREEN
3BC-R/Y	RED	YELLOW
3BC-A/G	AMBER	GREEN



Assy P/N	LED P/N	Chip			Lens Appearance	Absolute Max. Ratings				LED Electro-Optical Data @ 20mA			Viewing Angle (Deg)
		Material	Peak Wavelength λp (nm)	Emitted Color		Δλ (nm)	Pd (mW)	If (mA)	Peak If (mA)	Vf (V)		Iv (mcd)	
										TYP	MAX	TYP	
H100CBC	3BC	GaAsP/GaP	635	HE RED	WHITE DIFFUSED	45	80	30	150	2.0	2.6	30	45
		GaP/GaP	568	GREEN		30	80	30	150	2.2	2.6	30	
H100CBC-Y/G	3BC-Y/G	GaAsP/GaP	585	YELLOW	WHITE DIFFUSED	35	80	30	150	2.1	2.6	15	45
		GaP/GaP	568	GREEN		30	80	30	150	2.2	2.6	30	
H100CBC-R/Y	3BC-R/Y	GaAsP/GaP	635	HE RED	WHITE DIFFUSED	45	80	30	150	2.0	2.6	30	45
		GaAsP/GaP	585	YELLOW		35	80	30	150	2.1	2.6	15	
H100CBC-A/G	3BC-A/G	GaAsP/GaP	610	AMBER	WHITE DIFFUSED	35	80	30	150	2.0	2.6	30	45
		GaP/GaP	568	GREEN		30	80	30	150	2.2	2.6	30	

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 TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974
DECIMALS	ANGULAR	
.X ±.1	X° ±1°	
.XX ±.02		TITLE: T-1 (3MM) INTERLOCKING 90° SINGLE-LEVEL LED ASSEMBLY PART NO: H100CBC REVISION: B
.XXX ±.010		
DESIGNED: S. Dam	DATE: 09/21/05	CAGE CODE : 32559 SHEET # 1 OF 1 CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.
CHECKED: T. Yin	DATE: 09/21/05	

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