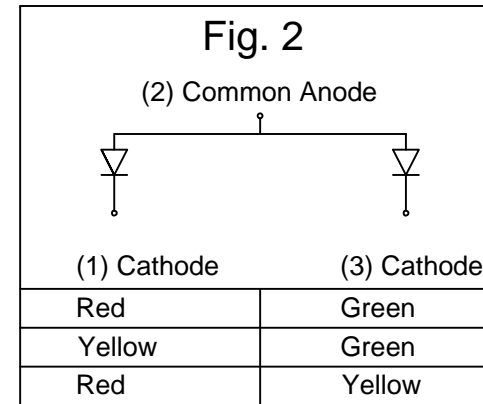
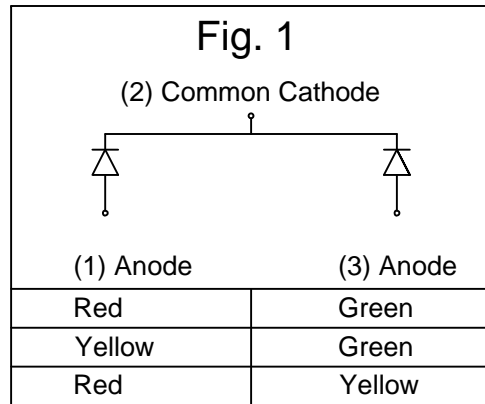
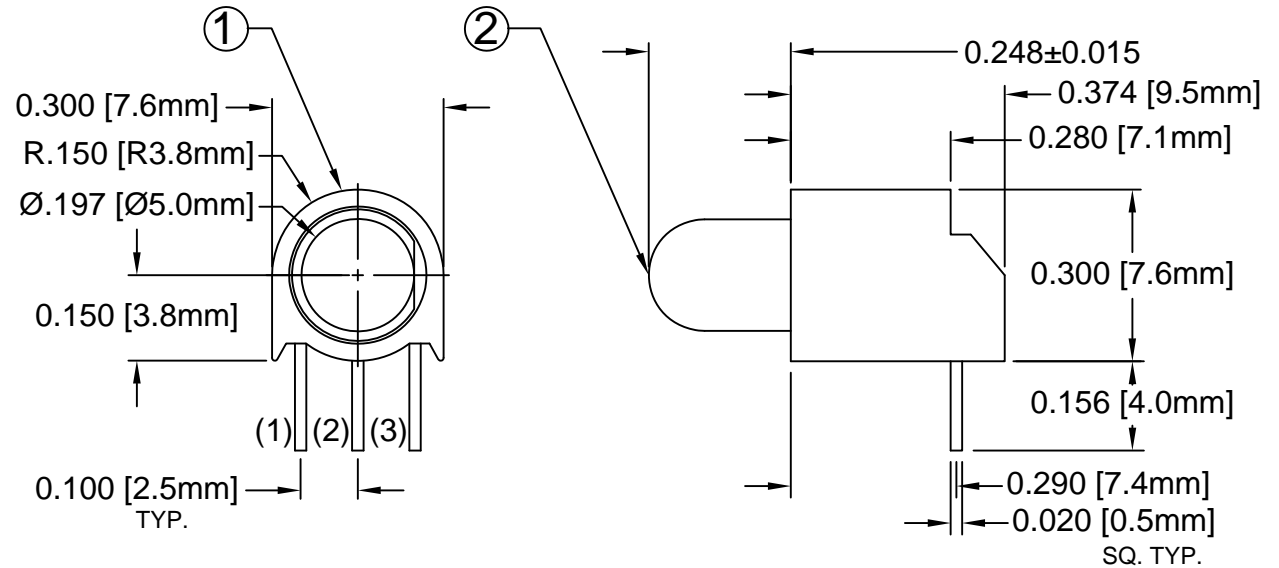
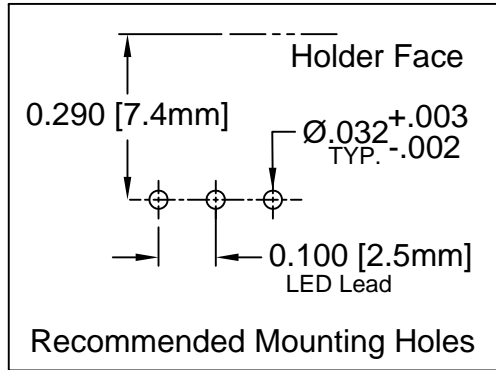


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	H-178C-3	T-1¼ (5mm) Single-Level Tri-Lead LED Holder, 90° Mount
2	1	5BC-3-XXXX-F	T-1¼ (5mm) Bi-Color/Tri-Color Flanged LED, See Page 2

REV.	DESCRIPTION	DATE	APPROVED
B	Corrected Typo H178CBC-3-B from "Yellow/HE Red" to "Green/HE Red"	09/17/04	M. C.
C	LED Protrusion Tolerance Update	04/27/05	M. C.
D	Obsolete H178CBC-3-B & H178CBC-3-Y/G-B	09/24/08	M. C.
E	Engineering Update w/o Changes	06/20/16	J. C.




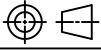
## ABSOLUTE MAXIMUM RATINGS (Ta=25° C)

REVERSE VOLTAGE	5V
REVERSE CURRENT	100µA
OPERATING TEMPERATURE RANGE	-40° C - 80° C
STORAGE TEMPERATURE	-40° C - 100° C
LEAD SOLDERING TEMPERATURE(1/16" FROM BODY)	260° C FOR 5 SECONDS

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DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	 <b>TITLE:</b> T-1¼ (5MM) BI-COLOR 3 LEAD 90° SINGLE-LEVEL LED ASSY	
.XX ± .02			
.XXX ± .010			
DESIGNED: <b>T. Yin</b>	DATE: <b>03/05/04</b>	<b>PART NO:</b> H178CBC-3-XXXX	REVISION: <b>E</b>
CHECKED: <b>D. Green</b>	DATE: <b>03/05/04</b>	<b>CAGE CODE :</b> 32559	<b>SHEET #</b> 1 OF 2
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REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

LED Assy. No.	Peak Wave Length $\lambda_p$ (nm)	Emitted Color	Lens Appearance	Abs. Max. Rating	Electro-Optical Data @ 20mA			Viewing Angle $2\theta_{1/2}$ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
					TYP	MAX	TYP		
H178CBC-3 (Fig. 1)	625	HE RED	WHITE DIFFUSED	30	2.0	2.8	35	40	5BC-3-F
	568	GREEN		30	2.1	2.8	35		
H178CBC-3-Y/G (Fig. 1)	590	YELLOW	WHITE DIFFUSED	30	2.0	2.8	30	40	5BC-3-Y/G-F
	568	GREEN		30	2.1	2.8	35		
H178CBC-3-CA (Fig. 2)	625	HE RED	WHITE DIFFUSED	30	2.0	2.8	4	40	5BC-3-CA-F
	568	GREEN		30	2.1	2.8	6		
H178CBC-3-Y/G-CA (Fig. 2)	590	YELLOW	WHITE DIFFUSED	30	2.0	2.8	4	40	5BC-3-Y/G-CA-F
	568	GREEN		30	2.1	2.8	6		

STANDARD TOLERANCE ( UNLESS OTHERWISE SPECIFIED ) $\pm 10\%$ ALL VALUES    ANGULAR		 <b>BIVAR</b> <sup>®</sup> 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808    FAX: (949) 951-3974	
			
DESIGNED: <b>T. Yin</b>	DATE: <b>03/05/04</b>	<b>TITLE:</b> T-1 $\frac{3}{4}$ (5MM) BI-COLOR 3 LEAD 90° SINGLE-LEVEL LED ASSY	
CHECKED: <b>D. Green</b>	DATE: <b>03/05/04</b>	<b>PART NO:</b> H178CBC-3-XXXX	<b>REVISION:</b> E
		<b>CAGE CODE :</b> 32559	<b>SHEET #</b> 2 OF 2
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