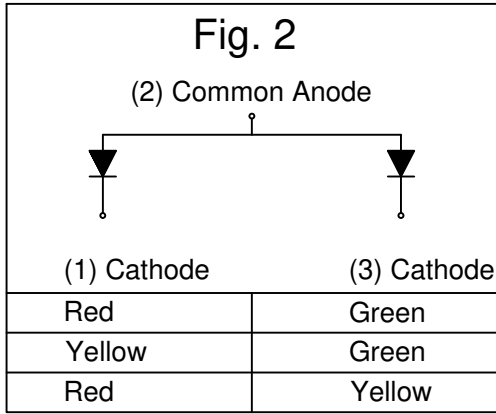
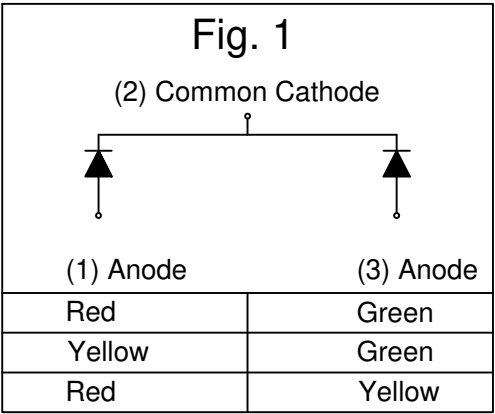
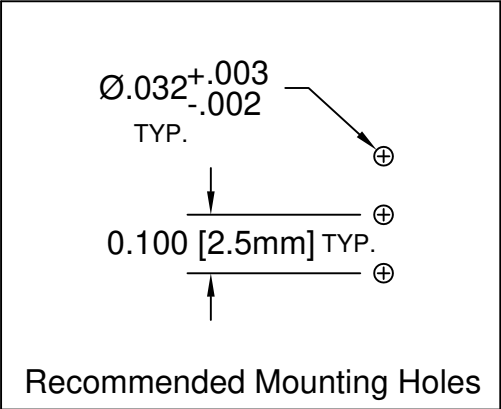
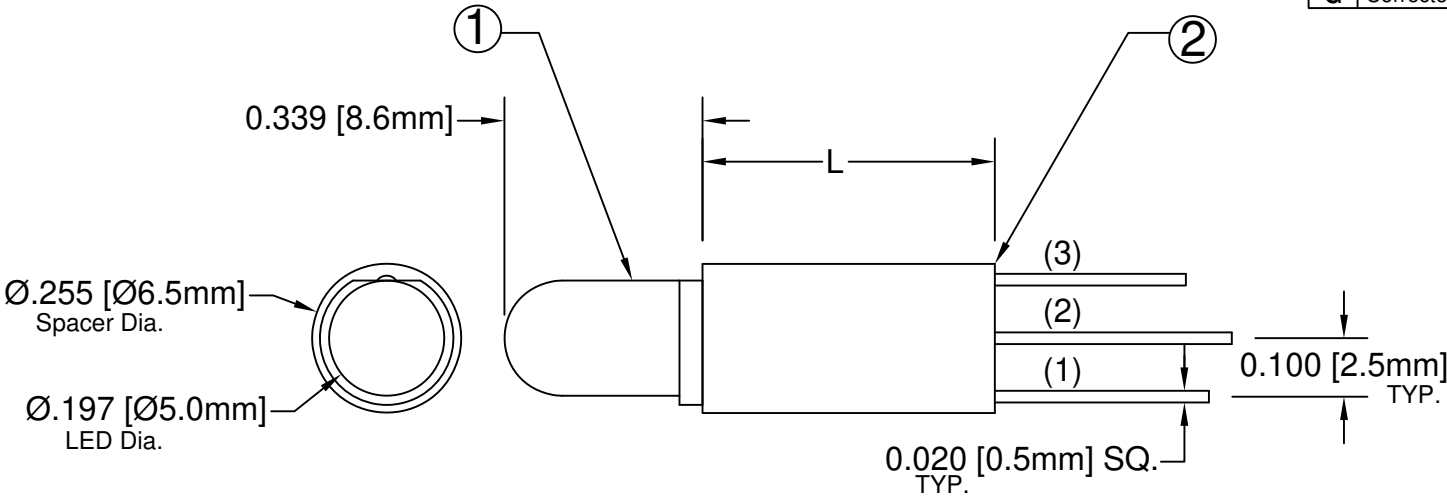


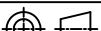
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	5BC-3-XXXX-F	T-1¼ (5mm) Bi-Color/Tri-Color LED, See Page 2
2	1	ELM 3-XXX	Extruded, Self-Retaining LED Spacer

REV.	DESCRIPTION	DATE	APPROVED
C	Removed Tolerance Note.	09/03/08	M. C.
D	Corrected P/N Typo in BOM.	09/25/13	M. C.
E	Removed P/N and Update Figure Drawings.	03/17/15	J. C.
F	Engineering Update w/o Changes	05/24/16	J. C.
G	Corrected LED Assembly Number Last Line	05/31/17	T. N.



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)		BIVAR® 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
<u>DECIMALS</u>	<u>ANGULAR</u>		
.X ± .1	X° ± 1°		
.XX ± .02			
.XXX ± .010		TITLE: EXTRUDED VERTICAL T-1¼ (5mm) LED STANDARD SPACER PROFILE ASSY	
DESIGNED: T. Yin	DATE: 03/05/04	PART NO: ELM3XXX5BCXX	REVISION: G
CHECKED: D. Green	DATE: 03/05/04	CAGE CODE : 32559	SHEET # 1 OF 2
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		

LED Assembly No.	Peak Wavelength Length λ_p (nm)	Emitted Color	Lens Appearance	Abs. Max. Rating	Electro-Optical Data @ 20mA			Viewing Angle 20 1/2 (Deg)	LED P/N
					If (mA)	Vf (V)		Iv (mcd)	
						TYP	MAX	TYP	
ELM3XXX5BC-3 (FIG. 1)	635	HE RED	WHITE DIFFUSED	30	2.0	2.6	35.0	40	5BC-3-F
	568	GREEN		30	2.2	2.6	35.0		
ELM3XXX5BC-3-YG (FIG. 1)	585	YELLOW	WHITE DIFFUSED	30	2.1	2.6	30.0	40	5BC-3-Y/G-F
	568	GREEN		30	2.2	2.6	35.0		
ELM3XXX5BC3CA (FIG. 2)	635	HE RED	WHITE DIFFUSED	30	2.0	2.6	35.0	40	5BC-3-CA-F
	568	GREEN		30	2.2	2.6	35.0		
ELM3XXX5BC3YGCA (FIG. 2)	585	YELLOW	WHITE DIFFUSED	30	2.1	2.6	30.0	40	5BC-3-Y/G-CA-F
	568	GREEN		30	2.2	2.6	35.0		

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) $\pm 10\%$ ALL VALUES ANGULAR		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
			
DESIGNED: T. Yin	DATE: 03/05/04	PART NO: ELM3XXX5BCXX	REVISION: G
CHECKED: D. Green	DATE: 03/05/04	CAGE CODE : 32559	SHEET # 2 OF 2
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			