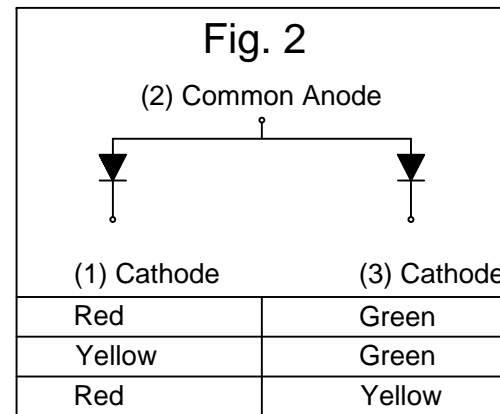
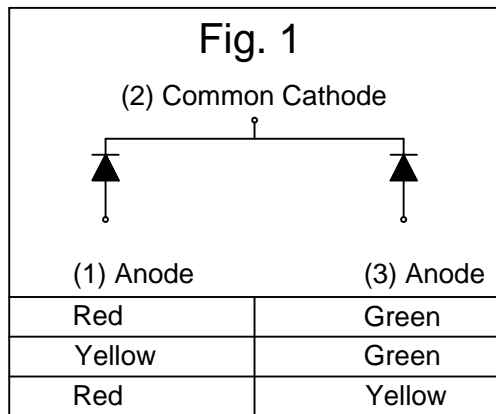
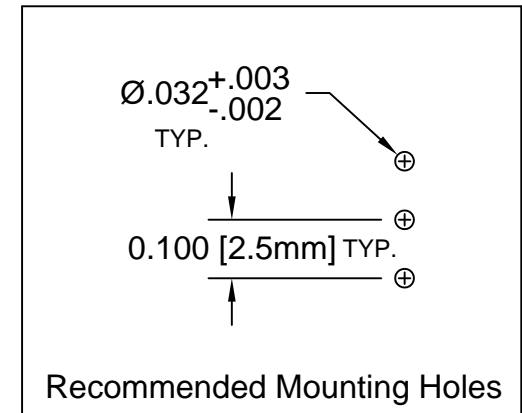
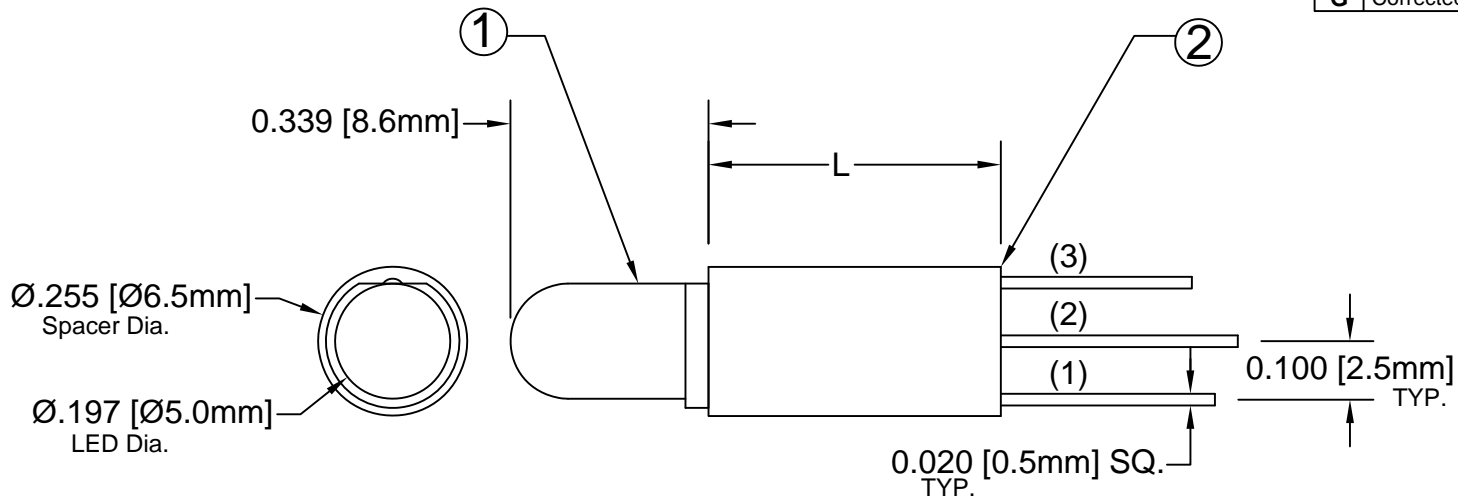


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	5BC-3-XXXX-F	T-1¼ (5mm) Bi-Color/Tri-Color LED, See Page 2
2	1	ELM 3-XXX	Extruded, Self-Retaining LED Spacer

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.




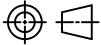
## ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

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

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		

LED Assembly No.	Peak Wavelength 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
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		 <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>PART NO:</b> ELM3XXX5BCXX	REVISION: <b>G</b>
CHECKED: <b>D. Green</b>	DATE: <b>03/05/04</b>	<b>CAGE CODE :</b> 32559	<b>SHEET # 2 OF 2</b>
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			