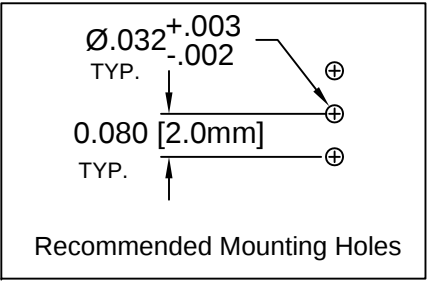
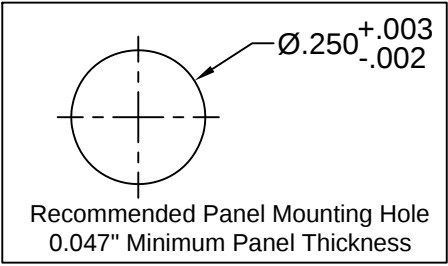
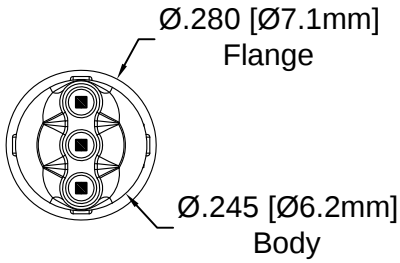
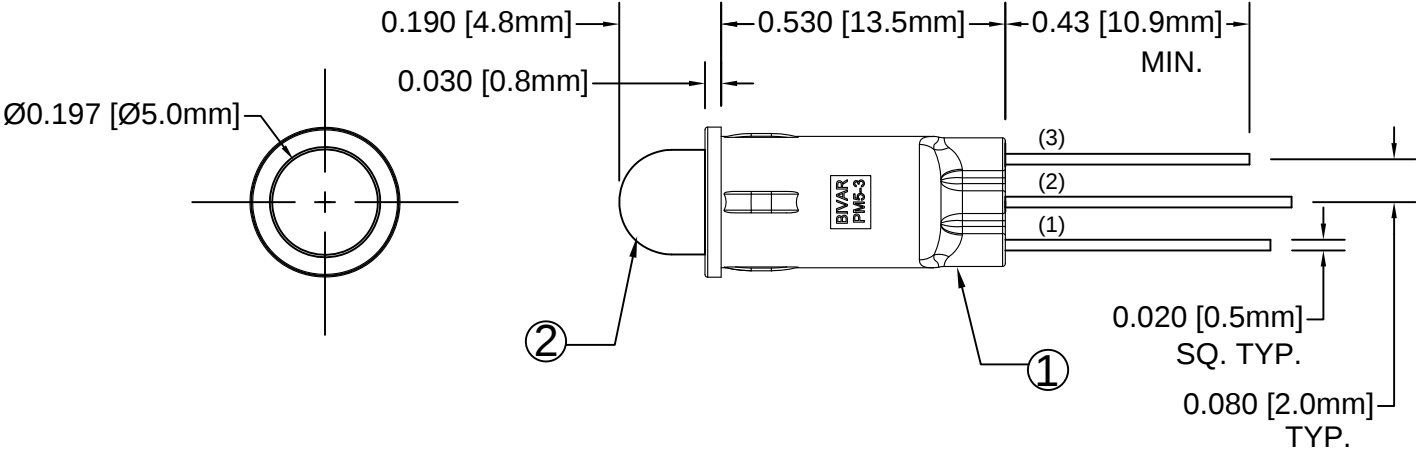
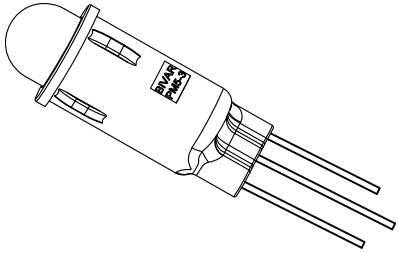


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	PM5-3	LED Holder, 3-Lead Panel Mount, Press Fit, 5mm
2	1	5BC-3-XX	T1 ¾ (5mm) 3-Lead Shouldered Bi-Color LED, See Page 2

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	12/02/08	T. Y.
B	Updated Recommended Mounting Hole	07/13/09	T. Y.
C	Updated 5BC-3 LED on Polarity Diagram	09/01/09	T. Y.
D	Added Optical/Electrical Data	05/21/15	J. C.
E	Engineering Update w/o Changes	08/14/16	J. C.



LED P/N	(1) Anode	(2) Common Cathode	(3) Anode
5BC-3	Red		Green
5BC-3-Y/G	Yellow		Green
5BC-3-R/Y	Red		Yellow



EXAMPLE:
PM53 - BC
Emitted Colors
3-Lead Panel Mount Series

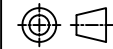
ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE _____ 5V
 REVERSE CURRENT (VR=5V) _____ 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			
.XXX ± .010			
DESIGNED: B. Oliver	DATE: 12/02/08	TITLE: T1 ¾ (5mm) PANEL MOUNT ASSEMBLY, 3-LEAD BI-COLOR PART NO: PM53-XX CAGE CODE : 32559 SHEET # 1 OF 2	
CHECKED: F. Jensen	DATE: 12/02/08	REVISION: E CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

Assy P/N	Chip			Lens Appearance	Electro-Optical Data @ 20mA				Viewing Angle 2 θ ½ (Deg)	LED P/N
	Material	Peak Wave Length λp (nm)	Emitted Color		If (mA)	Vf (V)		Iv (mcd)		
						MAX	TYP	MAX		
PM53-BC	GaAsP/GaP	625	RED	WHITE DIFFUSED	30	2.0	2.8	35	40	5BC-3
	GaP/GaP	568	GREEN		30	2.1	2.8	35		
PM53-YG	GaAsP/GaP	590	YELLOW	WHITE DIFFUSED	30	2.0	2.8	30	40	5BC-3-Y/G
	GaP/GaP	568	GREEN		30	2.1	2.8	35		
PM53-RY	GaAsP/GaP	625	RED	WHITE DIFFUSED	30	2.0	2.8	35	40	5BC-3-R/Y
	GaAsP/GaP	590	YELLOW		30	2.0	2.8	30		

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) DECIMALS ANGULAR		 4 THOMAS, IRVINE, CA. 92618 TEL.: (949) 951-8808 FAX: (949) 951-3974	
			
DESIGNED: B. Oliver	DATE: 12/02/08	PART NO: PM53-XX	REVISION: E
CHECKED: F. Jensen	DATE: 12/02/08	CAGE CODE : 32559	SHEET # 2 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			