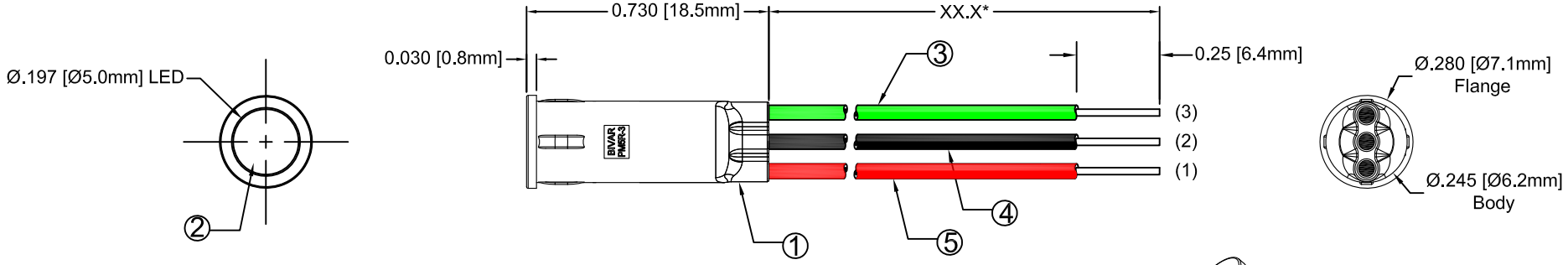
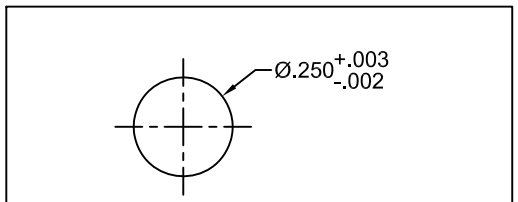
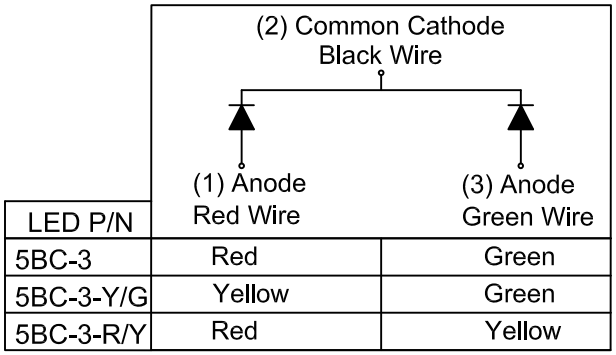
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	PM5R-3	LED Holder, 3-Lead Panel Mount, Press Fit, (5mm)
2	1	5BC-3-XX	T1 ¾ (5mm) 3-Lead Shouldered LED, See Page 2.
3	1	BWS24-1061-GN	24AWG Wire Lead U.L. 1061, Green
4	1	BWS24-1061-BK	24AWG Wire Lead U.L. 1061, Black
5	1	BWS24-1061-RD	24AWG Wire Lead U.L. 1061, Red

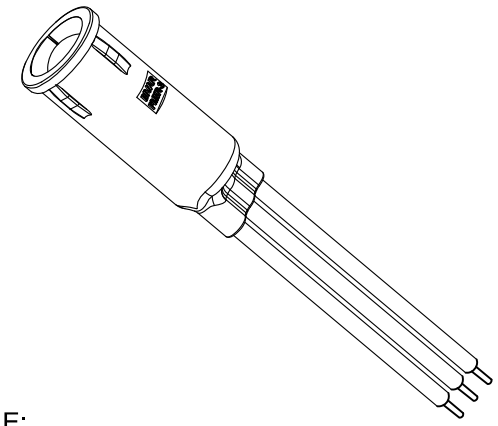
REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	12/02/08	T. Y.
B	Updated 5BC-3 LED on Polarity Diagram	09/01/09	T. Y.
C	Added Optical/ Electrical Data	05/21/15	J. C.







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



EXAMPLE:

PM5R3 - BC W12.5

- XX.X = Wire Length "XX.X*"
- Emitted Colors
- 3-Lead Panel Mount Series, Recessed

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)

DECIMALS		ANGULAR	
.X	± .1	X°	± 1°
.XX	± .02		
.XXX	± .010		

BIVAR®
4 THOMAS, IRVINE, CA. 92618
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TITLE: T1 ¾ (5mm) PANEL MOUNT ASSEMBLY, 3-LEAD RECESSED

DESIGNED:	DATE:	PART NO:	REVISION:
Brian Oliver	12/02/08	PM5R3-XXWXX.X	C
CHECKED: F. Jensen	DATE: 12/02/08	CAGE CODE : 32559	SHEET # 1 OF 2

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REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		

Assy. Part No.	Chip			Lens Appearance	Electro-Optical Data @ 20mA				Viewing Angle 2θ½ (Deg)	LED P/N
	Material	Peak Wave Length	Emitted Color		If (mA)	Vf (V)		Iv (mcd)		
					MAX	TYP	MAX	TYP		
PM5R3-BCWXX.X	GaAsP/GaP	625nm	RED	WHITE DIFFUSED	30	2.0	2.8	35	40	5BC-3
	GaP/GaP	568nm	GREEN		30	2.1	2.8	35		
PM5R3-YGWXX.X	GaAsP/GaP	590nm	YELLOW	WHITE DIFFUSED	30	2.0	2.8	30	40	5BC-3-Y/G
	GaP/GaP	568nm	GREEN		30	2.1	2.8	35		
PM5R3-RYWXX.X	GaAsP/GaP	625nm	RED	WHITE DIFFUSED	30	2.0	2.8	35	40	5BC-3-R/Y
	GaAsP/GaP	590nm	YELLOW		30	2.0	2.8	30		

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)
±10% ALL VALUES ANGULAR

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TITLE: T1 ¾ (5mm) PANEL MOUNT ASSEMBLY, 3-LEAD RECESSED

DESIGNED:	DATE:	PART NO:	REVISION:
Brian Oliver	12/02/08	PM5R3-XXWXX.X	C
CHECKED: F. Jensen	DATE: 12/02/08	CAGE CODE : 32559	SHEET # 2 OF 2

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.