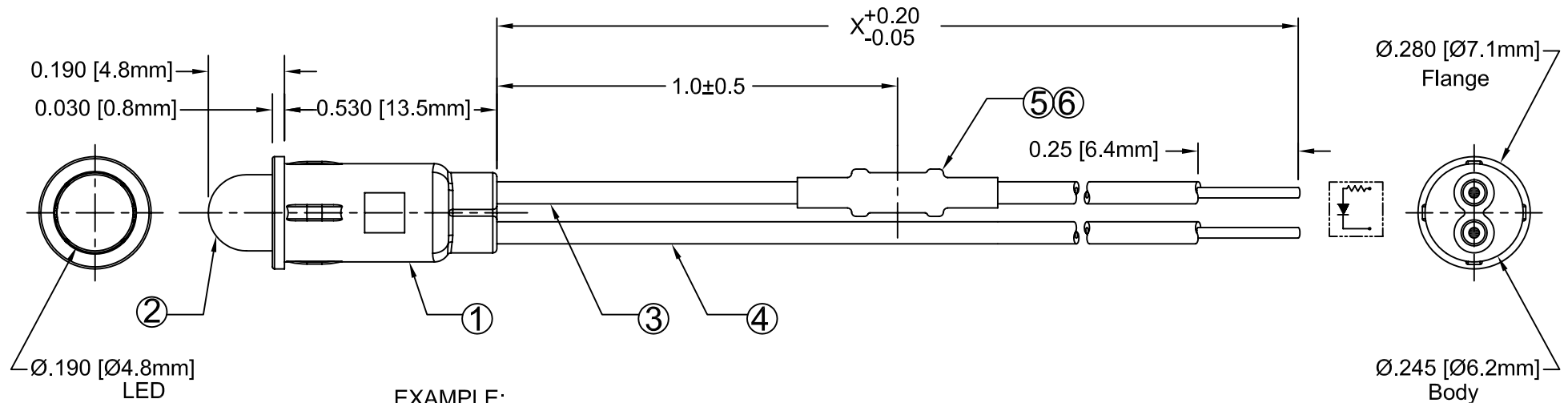


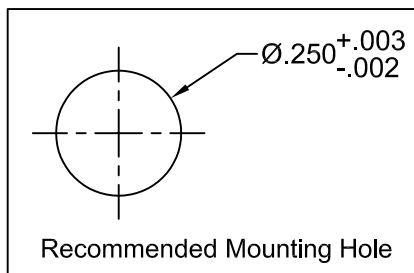
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	PM5	LED HOLDER, PANEL MOUNT, PRESS FIT, (5mm)
2	1	5XX	T-1¼ (5mm) Non-Flange LED, See Page 2.
3	1	BWS24-1007-RD	24AWG Wire Lead U.L. 1007, Red
4	1	BWS24-1007-BK	24AWG Wire Lead U.L. 1007, Black
5	1	RXXXX-.5	XXXX Ohm ±5%, 0.5 Watt Resistor, See Page 2.
6	1	BST500-BK	Shrink Tubing, Black, .50" Cut Length

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	10/13/04	M. C.
B	Updated Wire Callout.	05/29/08	M. C.



EXAMPLE:
PM5RD24VW6-ER

- Series
- LED Color & Lens Appearance.
- 24 Volt Assembly
- Wire Length
- External Resistor




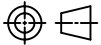
ABSOLUTE MAXIMUM RATINGS ($T_a = 25^\circ\text{C}$)

REVERSE VOLTAGE _____ 5V
 REVERSE CURRENT ($V_R=5V$) _____ $100\mu\text{A}$
 OPERATING TEMPERATURE RANGE _____ $-40^\circ\text{C} \sim 85^\circ\text{C}$
 STORAGE TEMPERATURE _____ $-40^\circ\text{C} \sim 100^\circ\text{C}$
 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	$X^\circ \pm 1^\circ$	TEL: (949) 951-8808 FAX: (949) 951-3974	
.XX ±.02		TITLE: T-1¼ (5mm) PANEL MOUNT ASSY, 24 Volt, External Resistor	
.XXX ±.010		PART NO: PM5XX24VWX-ER	REVISION: B
DESIGNED: David Green	DATE: 10/13/04	CAGE CODE : 32559	SHEET # 1 OF 2
CHECKED: T. Yin	DATE: 10/13/04	CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		

LED Assy. No.	Peak Wave Length λ (nm)	Emitted Color	Lens Appearance	Electro-Optical Data @ 20mA				Viewing Angle $2\theta \frac{1}{2}$ (Deg)	Resistor Value (Ohm)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)			
					TYP	TYP				
PM5BWC24VWX-ER	430	BLUE	WATER CLEAR	25	4.0	4.5	50	20	1000	5BWC
PM5BWD24VWX-ER	430	BLUE	DIFFUSED	25	4.0	4.5	20	45	1000	5BWD
PM5BWT24VWX-ER	430	BLUE	TINTED	25	4.0	4.5	50	20	1000	5BWT
PM5GC24VWX-ER	565	GREEN	WATER CLEAR	30	2.2	2.6	150	20	1100	5GC
PM5GD24VWX-ER	565	GREEN	DIFFUSED	30	2.2	2.6	70	45	1100	5GD
PM5GT24VWX-ER	565	GREEN	TINTED	30	2.2	2.6	150	20	1100	5GT
PM5YC24VWX-ER	585	YELLOW	WATER CLEAR	30	2.1	2.6	140	20	1100	5YC
PM5YD24VWX-ER	585	YELLOW	DIFFUSED	30	2.1	2.6	70	45	1100	5YD
PM5YT24VWX-ER	585	YELLOW	TINTED	30	2.1	2.6	140	20	1100	5YT
PM5AC24VWX-ER	610	AMBER	WATER CLEAR	30	2.2	2.6	70	20	1100	5AC
PM5AD24VWX-ER	610	AMBER	DIFFUSED	30	2.2	2.6	45	45	1100	5AD
PM5AT24VWX-ER	610	AMBER	TINTED	30	2.2	2.6	70	20	1100	5AT
PM5HC24VWX-ER	635	HE RED	WATER CLEAR	30	2.0	2.6	150	20	1100	5HC
PM5HD24VWX-ER	635	HE RED	DIFFUSED	30	2.0	2.6	80	45	1100	5HD
PM5HT24VWX-ER	635	HE RED	TINTED	30	2.0	2.6	150	20	1100	5HT
PM5RC24VWX-ER	655	RED	WATER CLEAR	40	1.7	2.0	15	20	1100	5RC
PM5RD24VWX-ER	655	RED	DIFFUSED	40	1.7	2.0	5	45	1100	5RD
PM5RT24VWX-ER	655	RED	TINTED	40	1.7	2.0	15	20	1100	5RT
PM5SRC24VWX-ER	660	SUPER RED	WATER CLEAR	20	1.7	2.6	350	20	1100	5SRC
PM5SRD24VWX-ER	660	SUPER RED	DIFFUSED	20	1.7	2.6	90	45	1100	5SRD
PM5SRT24VWX-ER	660	SUPER RED	TINTED	20	1.7	2.6	350	20	1100	5SRT

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) $\pm 10\%$ ALL VALUES		 BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974
ANGULAR X° \pm 5°		
		TITLE: T-1 $\frac{1}{4}$ (5mm) PANEL MOUNT ASSY, 24 Volt, External Resistor
DESIGNED: David Green	DATE: 10/13/04	PART NO: PM5XX24VWX-ER
CHECKED: Ty Yln	DATE: 10/13/04	REVISION: B
CAGE CODE : 32559		SHEET # 2 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.		