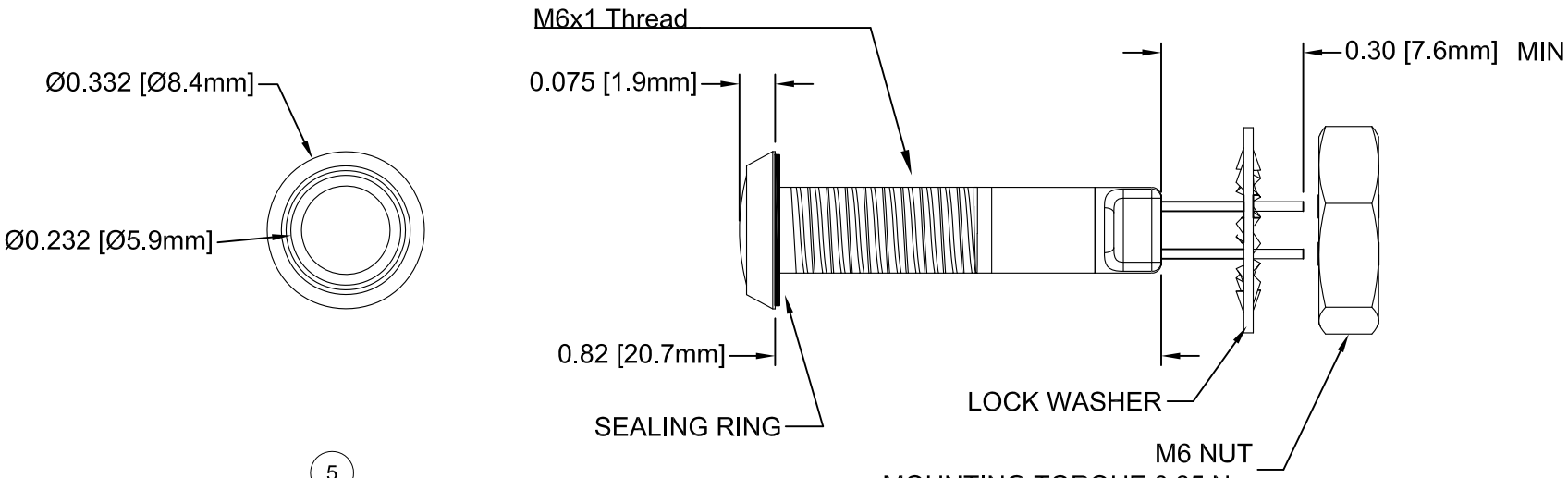
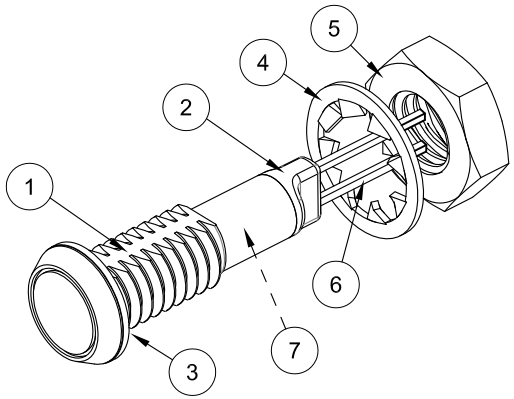
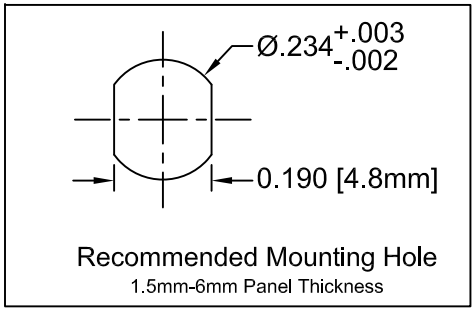
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	PM3-PE	3mm Polycarbonate Panel Mount Housing
2	1	PM3-HP	3mm Panel Mount Wide Range Plug
3	1	PM3-VS	3mm Sealing Ring
4	1	WASH-1009	M6 Internal Tooth Lock Washer
5	1	NUT-1004	M6x1 Thin Nut
6	1	3XX-S	3mm LED, SEE SHEET #2
7	1	PCBA-1081	8~48V Universal Power Board

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	04/12/12	T. Y.
B	Updated Descriptions	03/21/13	T. Y.







NOTES:
1. SEALED TO IP67 RATING
2. WIDE RANGE VOLTAGE INPUT, 8-48 VAC/VDC
3. BI-POLAR OPERATION
4. ROHS COMPLIANT
5. MOUNTING HARDWARE SHIPPED NON-ASSEMBLED
6. INSERT SEALING RING ON PANEL MOUNT PRIOR TO PANEL INSERTION

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)
DECIMALS: .X ± .1; .XX ± .02; .XXX ± .010
ANGULAR: X° ± 1°

BIVAR®
4 THOMAS, IRVINE, CA. 92618
TEL: (949) 951-8808 FAX: (949) 951-3974

TITLE: IP67 Rated Panel Mount Indicator

DESIGNED:	DATE:	PART NO:	REVISION:
Ty Yin	04/12/12	PM3-PXXX	B
CHECKED: B. Oliver	DATE: 04/12/12	CAGE CODE : 32559	SHEET # 1 OF 2

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

Assembly Part Number	LED Part Number	Peak Wave Length λp(nm)	Emitted Color	Lens Appearance	Electro-Optical Data @ 20mA		Viewing Angle
					Typ Vf (VAC/VDC)	LED Iv (mcd)	
					TYP	TYP	
PM3-PAD	**3SAD-S**	610	AMBER	WHITE DIFFUSED	8-48	100	120
PM3-PBWD	**3BWD0.245S**	470	BLUE	WHITE DIFFUSED	8-48	200	120
PM3-PGD	**3SGD-S**	568	GREEN	WHITE DIFFUSED	8-48	30	120
PM3-PHD	**3HD-S**	625	HE RED	WHITE DIFFUSED	8-48	30	120
PM3-PPGD	**3SPGD-S**	555	PURE GREEN	WHITE DIFFUSED	8-48	20	120
PM3-PRD	**3SRD-S**	645	RED	WHITE DIFFUSED	8-48	40	120
PM3-PYD	**3SYD-S**	585	YELLOW	WHITE DIFFUSED	8-48	30	120

Assembly Part Number	LED Part Number	Color Temperature	Emitted Color	Lens Appearance	Electro-Optical Data @ 20mA		Viewing Angle
					Typ Vf (VAC/VDC)	LED Iv (mcd)	
					TYP	TYP	
PM3-PWD	**3UWD2.555N**	5000K	NEUTRAL WHITE	WHITE DIFFUSED	8-48	2500	120

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

MAXIMUM POWER DISSIPATION _____ 400 mW

OPERATING TEMPERATURE RANGE _____ -30°C ~ 85°C

STORAGE TEMPERATURE _____ -40°C ~ 85°C

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)
DECIMALS ANGULAR

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TITLE: IP67 Rated Panel Mount Indicator

DESIGNED:	DATE:	PART NO:	REVISION:
Ty Yin	04/12/12	PM3-PXXX	B
CHECKED:	DATE:	CAGE CODE : 32559	SHEET # 2 OF 2
B. Oliver	04/12/12	CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	