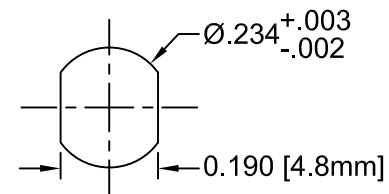
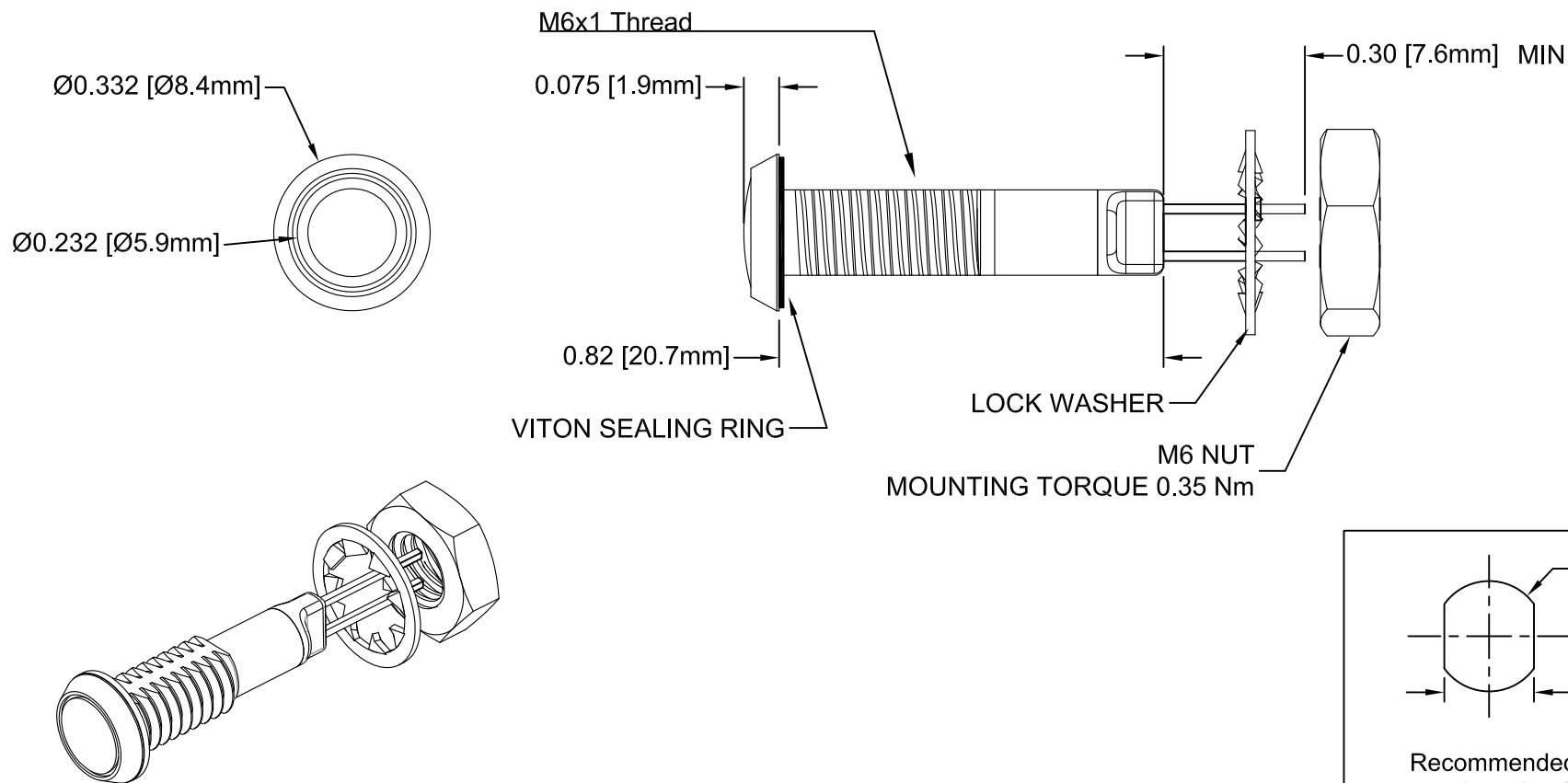


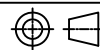
660 Series



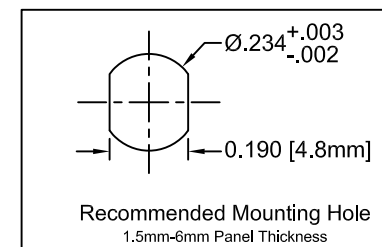
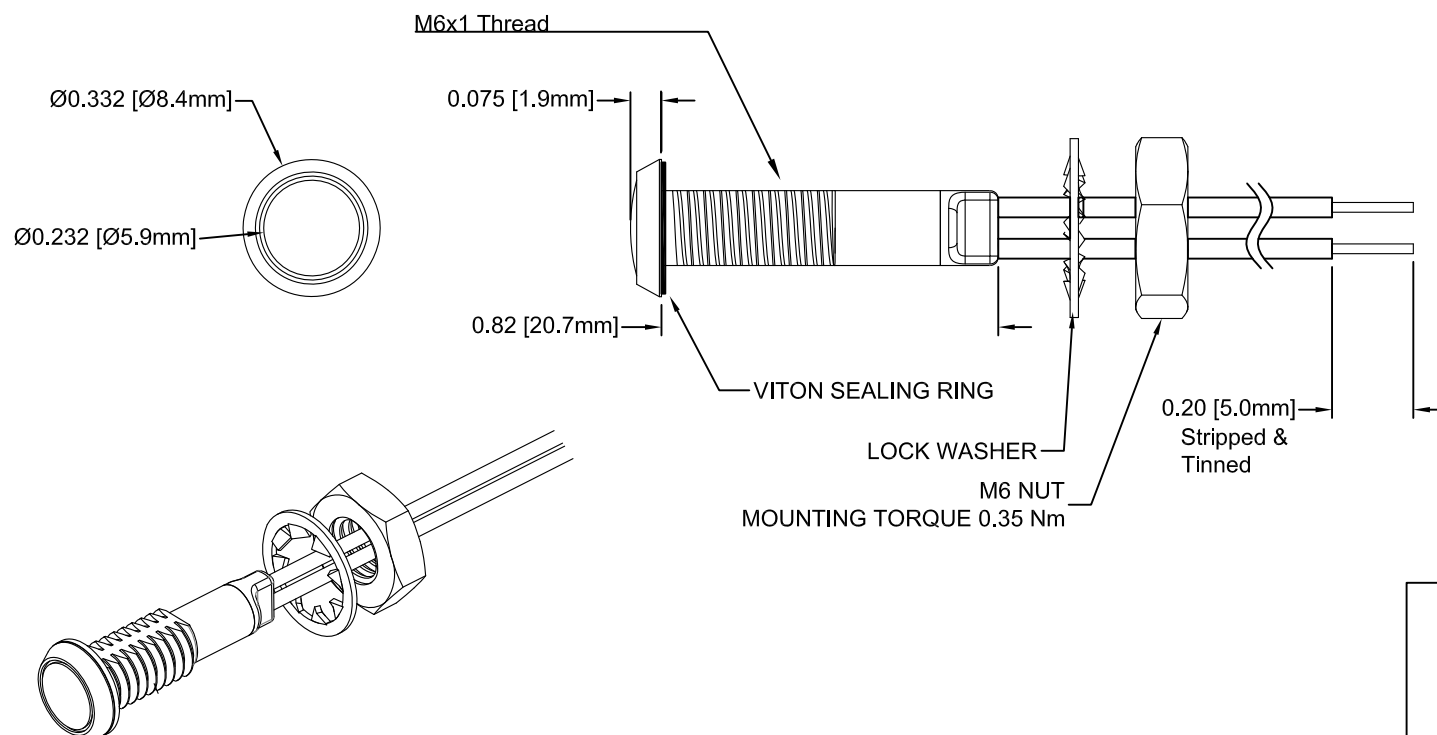
Recommended Mounting Hole
1.5mm-6mm Panel Thickness

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 VITON RING ON PANEL MOUNT PRIOR TO PANEL INSERTION

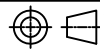
STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 MARL BUSINESS PARK, ULVERSTON, UK. LA12 9BN Tel: +44 (0)1229 582 430. Web: www.leds.co.uk	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	 TITLE: IP67 Rated Panel Mount Indicator	
.XX ± .02			
.XXX ± .010		PART NO: 660 Series	
Provisional			
		SHEET # 1 OF 3	
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			

660 Series (Flying Leads version)



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 VITON RING ON PANEL MOUNT PRIOR TO PANEL INSERTION

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)			MARL BUSINESS PARK, ULVERSTON, UK. LA12 9BN Tel: +44 (0)1229 582 430. Web: www.leds.co.uk
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°		TITLE: IP67 Rated Panel Mount Indicator
.XX ± .02			
.XXX ± .010			PART NO: 660 Series
Provisional		SHEET # 2 OF 3	
		CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	

Marl Part No.	LED Part Number	Peak Wave Length λ_p (nm)	Emitted Colour	Lens Appearance	Electro-Optical Data @ 20mA		Viewing Angle	Termination
					Typ Vf (VAC/VDC)	LED Iv (mcd)		
					TYP	TYP		
660-308-64	308	610	AMBER	WHITE DIFFUSED	8-48	100	120	PINS
660-308-64-40								12IN FLYING LEADS
660-320-64	320	470	BLUE	WHITE DIFFUSED	8-48	200	120	PINS
660-320-64-40								12IN FLYING LEADS
660-314-64	314	568	GREEN	WHITE DIFFUSED	8-48	30	120	PINS
660-314-64-40								12IN FLYING LEADS
660-302-64	302	625	HE RED	WHITE DIFFUSED	8-48	30	120	PINS
660-302-64-40								12IN FLYING LEADS
660-305-64	305	645	RED	WHITE DIFFUSED	8-48	40	120	PINS
660-305-64-40								12IN FLYING LEADS
660-311-64	311	585	YELLOW	WHITE DIFFUSED	8-48	30	120	PINS
660-311-64-40								12IN FLYING LEADS

Marl Part No.	LED Part Number	Colour Temperature	Emitted Colour	Lens Appearance	Electro-Optical Data @ 20mA		Viewing Angle	Termination
					Typ Vf (VAC/VDC)	LED Iv (mcd)		
					TYP	TYP		
660-998-64	998	5000K	NEUTRAL WHITE	WHITE DIFFUSED	8-48	2500	120	PINS
660-998-64-40								12IN FLYING LEADS

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

.X ± .1

.XX ± .02

.XXX ± .010

X° ± 1°

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 Tel: +44 (0)1229 582 430. Web: www.leds.co.uk

TITLE
 IP67 Rated Panel Mount Indicator

PART NO: 660 Series

SHEET # 3 OF 3

CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.

Provisional