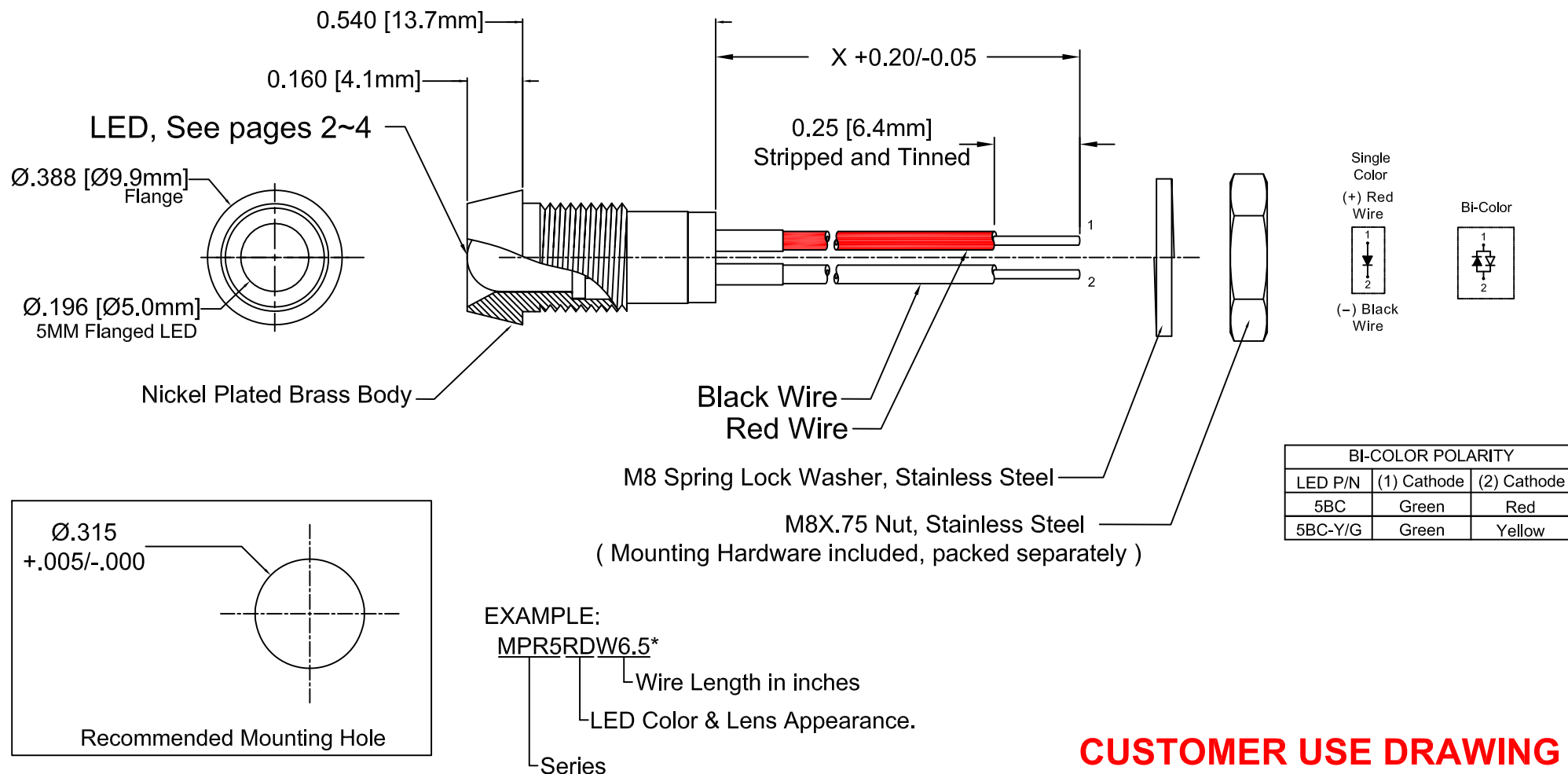


REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	01/31/05	M. C.
B	Added LED 5URC-F & 5URD-F	04/13/05	M. C.
C	Added LEDs, Page 2	01/19/11	T. Y.
D	Updated LED Offerings	05/07/12	T. Y.
E	Updated LED Optical Characteristics	09/15/15	J. C.
F	Corrected Dimension	11/29/16	J. C.
G	ECO 1028 - Corrected Component Description	01/08/20	A.V.
H	Updated per EOL Notice	06/12/20	A.V.



ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE	5V
REVERSE CURRENT (VR=5V)	100µA
OPERATING TEMPERATURE RANGE	-40°C ~ 85°C
STORAGE TEMPERATURE	-40°C ~ 100°C
LEAD SOLDERING TEMPERATURE (1/16" FROM BODY)	260°C for 5 Seconds

CUSTOMER USE DRAWING

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
<u>DECIMALS</u>	<u>ANGULAR</u>	TITLE: STD METAL PANEL MOUNT INDICATORS WITH WIRES	
.X ± .1	X° ± 1°	REVISION: H	
.XX ± .02		PART NO: MPR5XXWX.X	
.XXX ± .010		SHEET SIZE: A	
DESIGNED: D. Green	DATE: 01/31/05	CAGE CODE: 32559	
REVISED: V. Chavez	DATE: 06/12/20	SCALE: N/A	
CHECKED: A. Valdez	DATE: 06/12/20	SHEET # 1 OF 2	
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

LED Assy. No.	Chip			Lens Appearance	Electro-Optical Data @ 20mA				Viewing Angle 2 θ ½ (Deg)	LED P/N
	Material	Peak Wave Length	Emitted Color		If (mA)	Vf (V)		Iv (mcd)		
						MAX	TYP	MAX		
MPR5BWDWX.X	GaN/SiC	430	BLUE	DIFFUSED	25	4	4.5	15	40	5BWD-F
MPR5GDWX.X	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	25	40	5GD-F
MPR5GTWX.X	GaP/GaP	568	GREEN	TINTED	30	2.1	2.8	40	35	5GT-F
MPR5YDWX.X	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2	2.8	25	40	5YD-F
MPR5YTWX.X	GaAsP/GaP	590	YELLOW	TINTED	30	2	2.8	40	35	5YT-F
MPR5ADWX.X	GaAsP/GaP	605	AMBER	DIFFUSED	30	2	2.8	25	40	5AD-F
MPR5HDWX.X	GaAsP/GaP	625	HE RED	DIFFUSED	30	2	2.8	40	40	5HD-F
MPR5HTWX.X	GaAsP/GaP	625	HE RED	TINTED	30	2	2.8	50	35	5HT-F
MPR5RDWX.X	GaP/GaP	700	RED	DIFFUSED	20	2.1	2.8	1.5	40	5RD-F
MPR5BCWX.X	GaAsP/GaP	625	RED	DIFFUSED	30	2.0	2.8	8	45	5BC-F
	GaP/GaP	568	GREEN		30	2.1	2.8	8		
MPR5BCWX.X-Y/G	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2.0	2.8	6	45	5BC-Y/G-F
	GaP/GaP	568	GREEN		30	2.1	2.8	8		
MPR5SRCWX.X	GaAlAs/GaAs	645	SUPER RED	WATER CLEAR	30	1.7	2.4	60	35	5SRC-F

LED Assy. No.	Chip			Lens Appearance	Absolute Max. Ratings			Electro-Optical Data @ 2mA			Viewing Angle 2 Y ½ (Deg)	LED P/N
	Material	Peak Wave Length λp(nm)	Emitted Color		Pd (mW)	If (mA)	Peak If(mA)	Vf (V)		Iv (mcd)		
								TYP	MAX	TYP		
MPR5GDLWX.X	GaP/GaP	568	GREEN	DIFFUSED	10	7	-	2.1	2.6	4.0	40	5GDL-F

CUSTOMER USE DRAWING

		BIVAR	
CAGE CODE:	32559	PART NO:	MPR5XXWX.X
SHEET SIZE:	A	SCALE:	N/A
		REVISION:	H
		SHEET #	2 OF 2
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING			