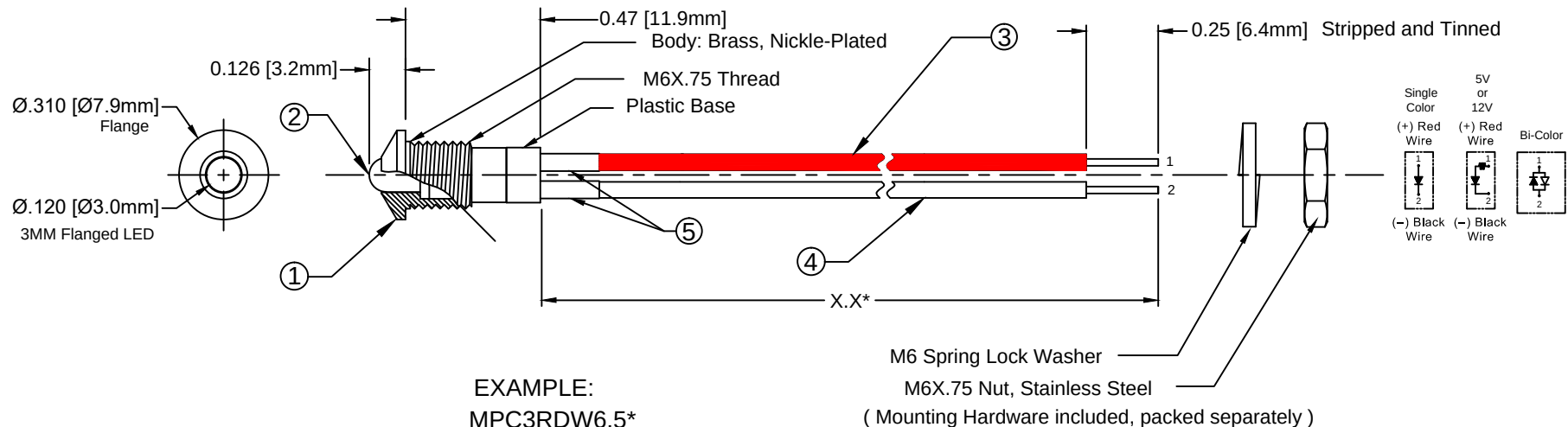


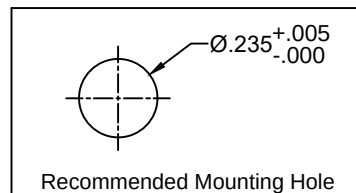
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	MPC3	Chrome Panel Mount Holder, 3mm
2	1	3XX-F	T-1 (3mm) Flanged LED
3	1	BWS24AWG-RD	24AWG Wire Lead, U.L. 1007, Red
4	1	BWS24AWG-BK	24AWG Wire Lead, U.L. 1007, Black
5	2	BST200-BK	Shrink Tubing, 0.500" Black

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	07/27/07	M. C.
B	Updated 3UWC-0.6K-F with 3UWC1.035C-F	04/26/12	T. Y.
C	Updated LED offering	05/03/12	T. Y.
D	Updated Bi-Color Polarity Table	12/18/12	T. Y.
E	Edit Part Number on Page 2	11/11/13	G. W.
F	Updated LED Optical Characteristics	09/14/15	J. C.
G	Updated per EOL Notice	03/04/20	A. V.



EXAMPLE:
MPC3RDW6.5*

Wire Length in inches
LED Color, Lens Appearance
Series



BI-COLOR POLARITY		
LED P/N	(1) Cathode	(2) Cathode
3BC-F	Green	Red
3BC-Y/G-F	Green	Yellow

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

REVERSE VOLTAGE _____ 5V

REVERSE CURRENT (VR=5V) _____ 100µA

OPERATING TEMPERATURE RANGE _____ -40°C ~ 85°C

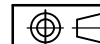
STORAGE TEMPERATURE _____ -40°C ~ 100°C

LEAD SOLDERING TEMPERATURE (1/16" FROM BODY) _____ 260°C for 5 Seconds

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		ANGULAR	
.X	± .1	X°	± 1°
.XX	± .02		
.XXX	± .010		
DESIGNED:	DATE:	TITLE:	
Dan Beckman	07/27/07	STD METAL PANEL MOUNT INDICATORS W/ WIRES	
REVISOR:	DATE:	DRAWING NO:	REVISION:
V. Chavez	03/04/20	MPC3XXWX.X	G
CHECKED:	DATE:	SHEET SIZE	CAGE CODE:
A. Valdez	03/04/20	A	32559
		SCALE: NONE	SHEET # 1 OF 3

BIVAR®

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



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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	TYP	
MPC3BWDWX.X	GaN/SiC	430	BLUE	DIFFUSED	25	4	4.5	10	35	3BWD-F
MPC3GDWX.X	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	25	35	3GD-F
MPC3YDWX.X	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2	2.8	20	35	3YD-F
MPC3YTWX.X	GaAsP/GaP	590	YELLOW	TINTED	30	2	2.8	40	20	3YT-F
MPC3ADWX.X	GaAsP/GaP	605	AMBER	DIFFUSED	30	2	2.8	25	35	3AD-F
MPC3HDWX.X	GaAsP/GaP	625	HE RED	DIFFUSED	30	2	2.8	30	35	3HD-F
MPC3RDWX.X	GaP/GaP	700	RED	DIFFUSED	20	2.1	2.8	2	20	3RD-F
MPC3BCWX.X	GaAsP/GaP	625	RED	DIFFUSED	30	2.0	2.8	6	45	3BC-F
	GaP/GaP	568	GREEN		30	2.1	2.8	6		
MPC3BCWX.X-Y/G	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2.0	2.8	4	45	3BC-Y/G-F
	GaP/GaP	568	GREEN		30	2.1	2.8	6		

		BIVAR[®]	
CAGE CODE	32559	DRAWING NO: MPC3XXWX.X	REVISION: G
SHEET SIZE	A	SCALE: NONE	SHEET # 2 OF 3
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	TYP	
MPC3SGCWX.X	GaP/GaP	568	GREEN	WATER CLEAR	30	2.1	2.8	50	20	3SGC-F
MPC3SYCWX.X	GaAsP/GaP	590	YELLOW	WATER CLEAR	30	2.0	2.8	50	20	3SYC-F
MPC3SRCWX.X	GaAlAs/GaAs	645	SUPER RED	WATER CLEAR	30	1.7	2.4	60	20	3SRC-F
MPC3SRDWX.X	GaAlAs/GaAs	645	SUPER RED	DIFFUSED	30	1.7	2.4	40	35	3SRD-F
MPC3UGCWX.X	AlGaInP	570	GREEN	WATER CLEAR	30	2.1	2.4	200	20	3UGC-F
MPC3SUGCWX.X	AlGaInP	570	GREEN	WATER CLEAR	30	2.1	2.4	300	35	3SUGC-F
MPC3UYCWX.X	AlGaInP	590	YELLOW	WATER CLEAR	30	2.0	2.4	300	20	3UYC-F
MPC3URCWX.X	GaAlAs/GaAs	645	RED	WATER CLEAR	30	1.7	2.4	200	35	3URC-F
MPC3SURCWX.X	AlGaInP	640	RED	WATER CLEAR	30	1.8	2.4	200	20	3SURC-F
MPC3UWCWX.X	InGaN/Sappire	6500K	WHITE	WATER CLEAR	30	3.2	3.6	6000	35	3UWC1.035C-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		
MPC3GDLWX X	GaP/GaP	568	GREEN	DIFFUSED	10	7	-	2.1	2.6	4.0	35	3GDL-F
MPC3YDLWX X	GaAsP/GaP	590	YELLOW	DIFFUSED	10	7	-	2.0	2.6	2.0	35	3YDL-F
MPC3HDLWX X	GaAsP/GaP	625	RED	DIFFUSED	10	7	-	2.0	2.6	2.5	35	3HDL-F

		BIVAR[®]	
CAGE CODE	32559	DRAWING NO:	REVISION:
		MPC3XXWX.X	G
SHEET SIZE	A	SCALE: NONE	SHEET # 3 OF 3
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[MPC3BWDW12.0](#) [MPC3GDW6.0](#) [MPC3HDW6.0](#) [MPC3SRDW6.0](#) [MPC3YTW6.0](#) [MPC3BCW6.0](#)