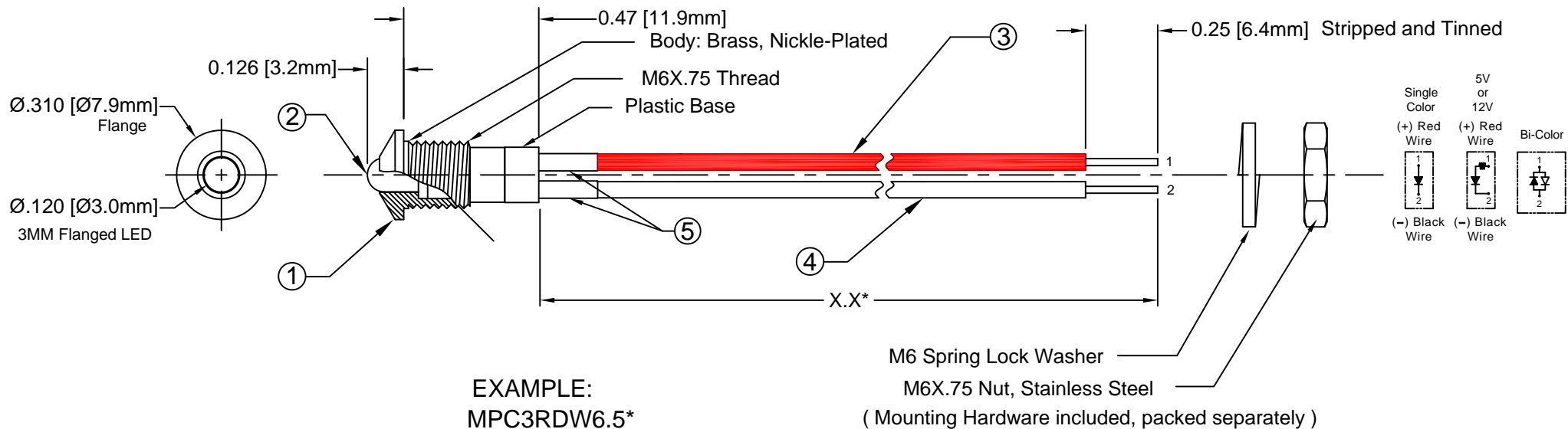


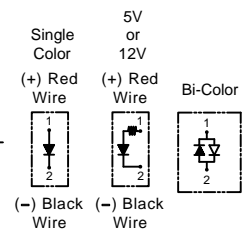
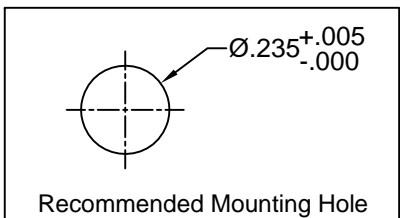
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	MPC3	Chrome Panel Mount Holder, 3mm
2	1	3XX-F	T-1 (3mm) Flanged LED
3	1	BWS24AWG-RD	24AWG Wire Lead, U.L. 1007, Red
4	1	BWS24AWG-BK	24AWG Wire Lead, U.L. 1007, Black
5	2	BST200-BK	Shrink Tubing, 0.500" Black

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.



EXAMPLE:
MPC3RDW6.5*

Series
LED Color, Lens Appearance
Wire Length in inches



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


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)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	 TITLE: STD METAL PANEL MOUNT INDICATORS W/ WIRES	
.XX ± .02			
.XXX ± .010			
DESIGNED: Dan Beckman	DATE: 07/27/07	PART NO: MPC3XXWX.X	REVISION: F
CHECKED: T. Yin	DATE: 07/27/07	CAGE CODE : 32559	SHEET # 1 OF 4
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	
MPC3BWCWX.X	GaN/SiC	430	BLUE	WATER CLEAR	25	4	4.5	15	20	3BWC-F
MPC3BWDWX.X	GaN/SiC	430	BLUE	DIFFUSED	25	4	4.5	10	35	3BWD-F
MPC3BWTWX.X	GaN/SiC	430	BLUE	TINTED	25	4	4.5	15	20	3BWT-F
MPC3GCWX.X	GaP/GaP	568	GREEN	WATER CLEAR	30	2.1	2.8	40	20	3GC-F
MPC3GDWX.X	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	25	35	3GD-F
MPC3GTWX.X	GaP/GaP	568	GREEN	TINTED	30	2.1	2.8	40	20	3GT-F
MPC3PGCWX.X	GaP/GaP	555	PURE GREEN	WATER CLEAR	30	2.2	2.8	10	20	3PGC-F
MPC3PGDWX.X	GaP/GaP	555	PURE GREEN	DIFFUSED	30	2.2	2.8	5	35	3PGD-F
MPC3PGTWX.X	GaP/GaP	555	PURE GREEN	TINTED	30	2.2	2.8	10	20	3PGT-F
MPC3YCWX.X	GaAsP/GaP	590	YELLOW	WATER CLEAR	30	2	2.8	40	20	3YC-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
MPC3ACWX.X	GaAsP/GaP	605	AMBER	WATER CLEAR	30	2	2.8	40	20	3AC-F
MPC3ADWX.X	GaAsP/GaP	605	AMBER	DIFFUSED	30	2	2.8	25	35	3AD-F
MPC3ATWX.X	GaAsP/GaP	605	AMBER	TINTED	30	2	2.8	40	20	3AT-F
MPC3HCWX.X	GaAsP/GaP	625	HE RED	WATER CLEAR	30	2	2.8	50	20	3HC-F
MPC3HDWX.X	GaAsP/GaP	625	HE RED	DIFFUSED	30	2	2.8	30	35	3HD-F
MPC3HTWX.X	GaAsP/GaP	625	HE RED	TINTED	30	2	2.8	50	20	3HT-F
MPC3RCWX.X	GaP/GaP	700	RED	WATER CLEAR	20	2.1	2.8	2.5	35	3RC-F
MPC3RDWX.X	GaP/GaP	700	RED	DIFFUSED	20	2.1	2.8	2	20	3RD-F
MPC3RTWX.X	GaP/GaP	700	RED	TINTED	20	2.1	2.8	2.5	20	3RT-F
MPC3BCWX.X-A/G	GaAsP/GaP	605	AMBER	DIFFUSED	30	2.0	2.8	6	45	3BC-A/G-F
	GaP/GaP	568	GREEN		30	2.1	2.8	6		
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-R/Y	GaAsP/GaP	625	RED	DIFFUSED	30	2.0	2.8	6	45	3BC-R/Y-F
	GaAsP/GaP	590	YELLOW		30	2.0	2.8	4		
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		

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) ±10% ALL VALUES		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
ANGULAR X° ± 5°			
DESIGNED: Dan Beckman		TITLE: STD METAL PANEL MOUNT INDICATORS W/ WIRES	
DATE: 07/27/07		PART NO: MPC3XXWX.X	
CHECKED: T. Yin		REVISION: F	
DATE: 07/27/07		CAGE CODE : 32559 SHEET # 2 OF 4	
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			
MPC3UBWCWX.X	GaN/SiC	470	BLUE	WATER CLEAR	30	4	4.5	400	30	3UBWC-0.6K-F
MPC3SGCWX.X	GaP/GaP	568	GREEN	WATER CLEAR	30	2.1	2.8	50	20	3SGC-F
MPC3SGDWX.X	GaP/GaP	568	GREEN	DIFFUSED	30	2.1	2.8	30	35	3SGD-F
MPC3SGTWX.X	GaP/GaP	568	GREEN	TINTED	30	2.1	2.8	50	20	3SGT-F
MPC3SYCWX.X	GaAsP/GaP	590	YELLOW	WATER CLEAR	30	2.0	2.8	50	20	3SYC-F
MPC3SYDWX.X	GaAsP/GaP	590	YELLOW	DIFFUSED	30	2.0	2.8	30	35	3SYD-F
MPC3SYTWX.X	GaAsP/GaP	590	YELLOW	TINTED	30	2.0	2.8	50	20	3SYT-F
MPC3SACWX.X	AlGaInP	605	AMBER	WATER CLEAR	30	1.8	2.4	300	20	3SAC-F
MPC3SADWX.X	AlGaInP	605	AMBER	DIFFUSED	30	1.8	2.4	100	35	3SAD-F
MPC3SATWX.X	AlGaInP	605	AMBER	TINTED	30	1.8	2.4	300	20	3SAT-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
MPC3SRTWX.X	GaAlAs/GaAs	645	SUPER RED	TINTED	30	1.7	2.4	60	20	3SRT-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
MPC3SUYCWX.X	AlGaInP	590	YELLOW	WATER CLEAR	30	2.0	2.4	400	20	3SUYC-F
MPC3UUYCWX.X	AlGaInP	590	YELLOW	WATER CLEAR	30	2.0	2.4	600	35	3UUYC-F
MPC3UOCWX.X	AlGaInP	625	ORANGE	WATER CLEAR	30	1.8	2.4	300	20	3UOC-F
MPC3SUOCWX.X	AlGaInP	625	ORANGE	WATER CLEAR	30	1.8	2.4	400	20	3SUOC-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/Sapphire	6500K	WHITE	WATER CLEAR	30	3.2	3.6	6000	35	3UWC1.035C-F

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) ±10% ALL VALUES		ANGULAR X° ± 5°		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DESIGNED: Dan Beckman		DATE: 07/27/07			
CHECKED: T. Yin		DATE: 07/27/07		CAGE CODE : 32559 SHEET # 3 OF 4 CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.	

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1.		

LED Assy. No.	Chip			Lens Appearance	Absolute Max. Ratings			Electro-Optical Data @ 2mA			Viewing Angle 2 θ 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		
MPC3BVDLWX.X	GaN/siC	430	BLUE	DIFFUSED	20	7	-	3.8	4.2	2.5	35	3BVDL-F
MPC3GDLWX.X	GaP/GaP	568	GREEN	DIFFUSED	10	7	-	2.1	2.6	4.0	35	3GDL-F
MPC3PGDLWX.X	GaP/GaP	555	PURE GREEN	DIFFUSED	10	7	-	2.1	2.6	0.2	35	3PGDL-F
MPC3YDLWX.X	GaAsP/GaP	590	YELLOW	DIFFUSED	10	7	-	2.0	2.6	2.0	35	3YDL-F
MPC3ADLWX.X	GaAsP/GaP	605	AMBER	DIFFUSED	10	7	-	2.0	2.6	4.0	35	3ADL-F
MPC3HDLWX.X	GaAsP/GaP	625	RED	DIFFUSED	10	7	-	2.0	2.6	2.5	35	3HDL-F
MPC3RDLWX.X	GaP/GaP	700	RED	DIFFUSED	10	7	-	2.1	2.6	0.5	35	3RDL-F
MPC3SRDLWX.X	GaAlAs/GaAs	645	RED	DIFFUSED	10	7	-	2.0	-	8.0	35	3SRDL-F

LED Assy. No.	Peak Wave Length λp(nm)	Emitted Color	Lens Appearance	Electro-Optical Data				Viewing Angle 2 θ ½ (Deg)	LED P/N
				If (mA)	Vf (V)		Iv (mcd)		
					MAX	TYP			
5 Volt				Data @ 5V					
MPC3BWD5VWX.X	430	BLUE	DIFFUSED	-	-	5	10	35	3BWD5V-F
MPC3GC5VWX.X	568	GREEN	WATER CLEAR	-	-	5	40	20	3GC5V-F
MPC3GD5VWX.X	568	GREEN	DIFFUSED	-	-	5	25	35	3GD5V-F
MPC3GT5VWX.X	568	GREEN	TINTED	-	-	5	40	20	3GT5V-F
MPC3AD5VWX.X	605	AMBER	DIFFUSED	-	-	5	25	35	3AD5V-F
MPC3HD5VWX.X	625	HE RED	DIFFUSED	-	-	5	30	35	3HD5V-F
MPC3RD5VWX.X	700	RED	DIFFUSED	-	-	5	2	35	3RD5V-F
MPC3YD5VWX.X	590	YELLOW	DIFFUSED	-	-	5	20	35	3YD5V-F
12 Volt				Data @ 12V					
MPC3GC12VWX.X	568	GREEN	WATER CLEAR	-	-	12	40	20	3GC12V-F
MPC3GD12VWX.X	568	GREEN	DIFFUSED	-	-	12	25	35	3GD12V-F
MPC3HC12VWX.X	625	RED	WATER CLEAR	-	-	12	50	20	3HC12V-F
MPC3HD12VWX.X	625	RED	DIFFUSED	-	-	12	30	35	3HD12V-F
MPC3RC12VWX.X	700	RED	WATER CLEAR	-	-	12	6	20	3RC12V-F
MPC3RD12VWX.X	700	RED	DIFFUSED	-	-	12	2	35	3RD12V-F
MPC3YC12VWX.X	590	YELLOW	WATER CLEAR	-	-	12	40	20	3YC12V-F
MPC3YD12VWX.X	590	YELLOW	DIFFUSED	-	-	12	25	35	3YD12V-F

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) ±10% ALL VALUES		ANGULAR X° ± 5°		 BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974
DESIGNED: Dan Beckman		DATE: 07/27/07		
CHECKED: T. Yin		DATE: 07/27/07		TITLE: STD METAL PANEL MOUNT INDICATORS W/ WIRES PART NO: MPC3XXWX.X CAGE CODE : 32559 SHEET # 4 OF 4 CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [LED Panel Mount Indicators](#) category:

Click to view products by [Bivar](#) manufacturer:

Other Similar products are found below :

[607-3232-140F](#) [821-0331-503](#) [FL2870C8R](#) [FL2950WL7B](#) [FL2950WL8G](#) [FL589WL8R](#) [FL67C8R](#) [H8630FBBA3](#) [NL177WL2A](#)
[NL177WL3G](#) [NL276C2A](#) [NL2950BWL3G](#) [NL589WL2R](#) [NL67C2C](#) [NL67C3R](#) [C480AABG3](#) [PB22BM41K](#) [PB22SIM40Y](#)
[PB22SKRS31KC](#) [L32R-R2-2311](#) [L3353-MWRG](#) [L39UR-R24-2111](#) [L58D-G2-W](#) [L58D-Y2-W](#) [L59D-R12-W](#) [L59UD-R12-W](#) [L625DG](#)
[L625DR](#) [LE177WL39007](#) [LH1048BSWL3702](#) [LH1048BWL3702](#) [LH382A](#) [LH677G](#) [LHM628A](#) [FL276WL7R](#) [FL2950BWL7R](#)
[FL2950WL7R](#) [FL2950WL8R](#) [FL2950WL8R-12](#) [FL2951WL8G](#) [FL2951WL8R](#) [FL589C7R](#) [FL67WL8G](#) [MPC5BCW18.0](#) [556-1605-808F](#)
[556-1705-809F](#) [556-3008-839F](#) [558-0201-818F](#) [559-0001-813F](#) [559-1301-801F](#)