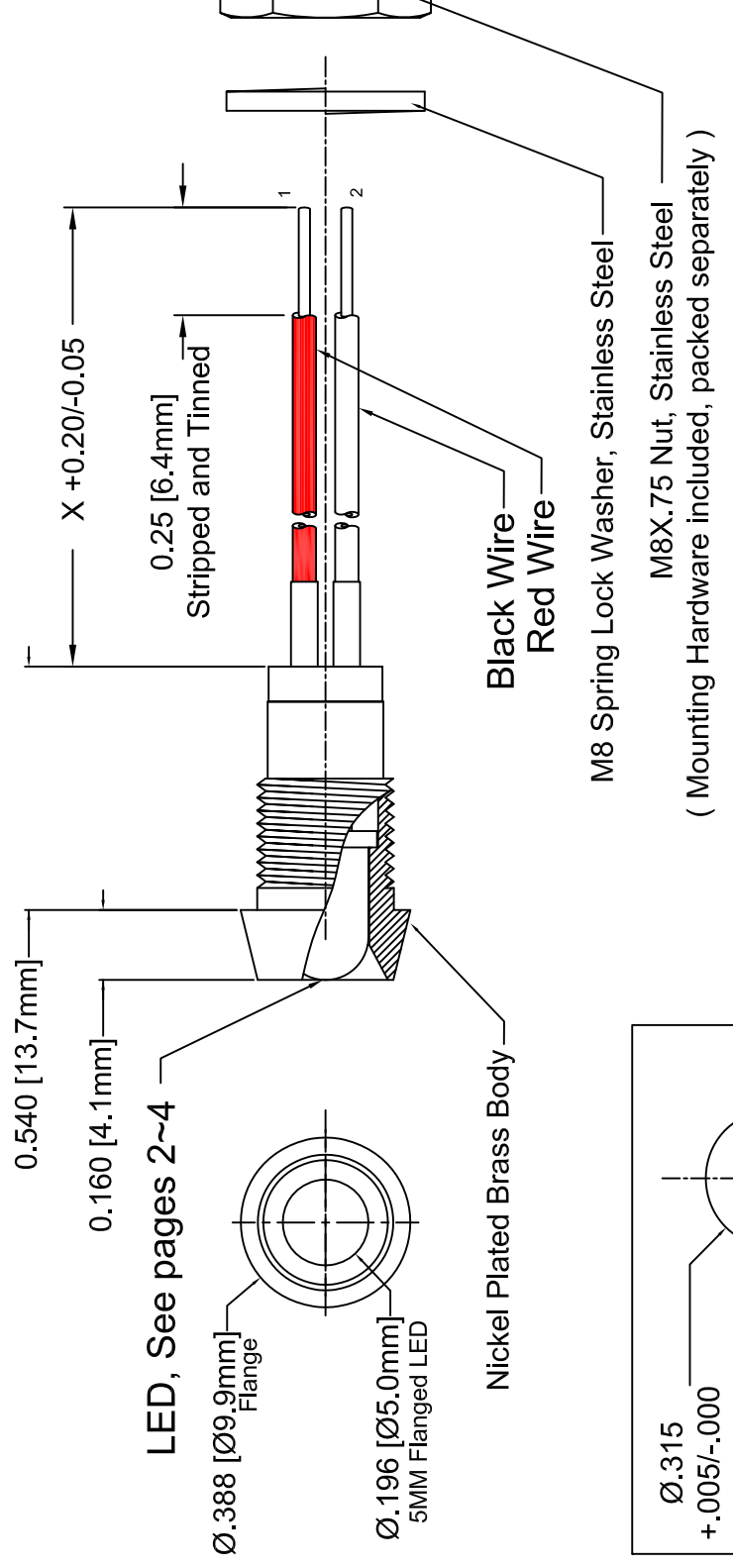




THE DATASHEET OF MPR5BWDW12.0



REV.	DESCRIPTION
A	Engineering Release
B	Added LED 5URC-F
C	Added LEDs, Page 2
D	Updated LED Offering
E	Updated LED Optical
F	Corrected Dimension
G	ECO 1028 - Corrected
H	Updated per EOL Not



EXAMPLE:
 MPR5RDW6.5*
 ↳ Wire Length in inches
 ↳ LED Color & Lens Appearance.
 ↳ Series

CUSTOM!

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

DESIGNED:	D. Green	DATE:	01/31/
REVISED:	V. Chavez	DATE:	06/12/0
CHECKED:	A. Valdez	DATE:	06/12/

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

REV.	DESCRIPTION
	SEE SHEET #1

LED Assy. No.	Chip		Lens Appearance	Electro-Optical Data @ 20mA	
	Material	Peak Wave Length		Emitted Color	If (mA)
MPR5BBDWX.X	GaN/SiC	430	BLUE	MAX	MAX
MPR5GDWX.X	GaP/GaP	568	GREEN	25	4
MPR5GTWX.X	GaP/GaP	568	GREEN	30	2.1
MPR5YDWX.X	GaAsP/GaP	590	YELLOW	30	2.1
MPR5YTWX.X	GaAsP/GaP	590	YELLOW	30	2
MPR5ADWX.X	GaAsP/GaP	605	AMBER	30	2
MPR5HDWX.X	GaAsP/GaP	625	HE RED	30	2
MPR5HTWX.X	GaAsP/GaP	625	HE RED	30	2
MPR5RDWX.X	GaP/GaP	700	RED	30	2
MPR5BCWX.X	GaAsP/GaP	625	RED	20	2.1
	GaP/GaP	568	GREEN	30	2.0
MPR5BCWX.X-Y/G	GaAsP/GaP	590	YELLOW	30	2.1
	GaP/GaP	568	GREEN	30	2.0
MPR5SRCWX.X	GaAlAs/GaAs	645	SUPER RED	30	2.1
			WATER CLEAR	30	1.7

LED Assy. No.	Chip		Lens Appearance	Absolute Max. Ratings		Electro-Optical Data				
	Material	Peak Wave Length λ_p (nm)		Emitted Color	Pd (mW)	If (mA)	Peak If(mA)	Vf (V)		
MPR5GDLWX.X	GaP/GaP	568	GREEN	10	7	-	TYP	2.1	MAX	2.6

CUSTOM!

CAGE CODE:	32
SHEET SIZE:	7

Looking for pricing, stock, or lifecycle information?

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 [Bivar Inc. Information](#)

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