

ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	FLPR2-XX	Flexible Light Pipe 2mm Adapter, Right Angle w/ LED, See page 2
2	1	FLPF-XX.X	Flexible Light Pipe Lens Cap Assembly, 2mm Flat Face

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	09/14/09	T. Y.
B	Replaced 3UWC-0.6K-F with 3UWC1.035C-F	04/26/12	T. Y.
C	Updated Table For Length "L"	11/16/12	T. Y.
D	Updated LED Optical Characteristics	09/15/15	J. C.
E	Updated LED Tables	08/15/18	M. C.
F	Updated LED Tables	11/13/18	M. C.

NOTE: FLPR2-XX ADAPTER SHIPPED NON-ASSEMBLED

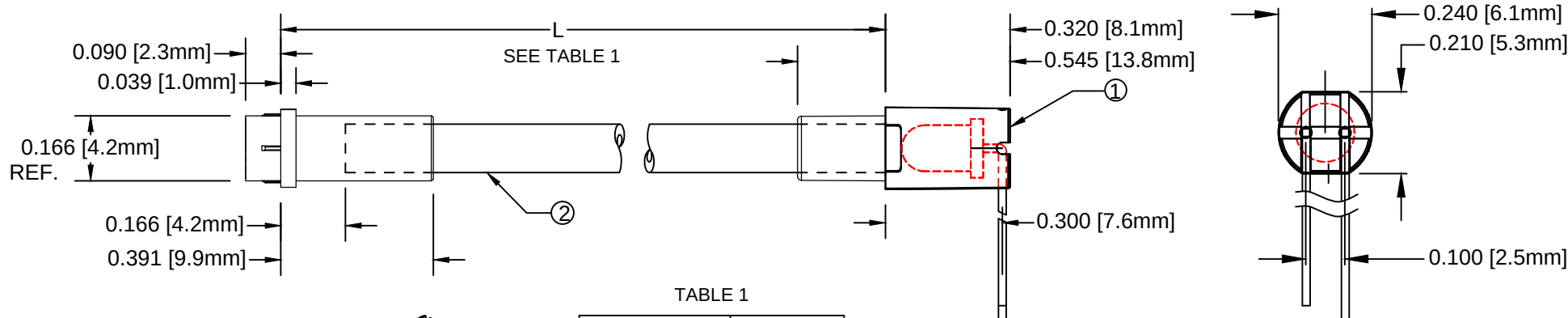
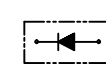
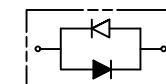


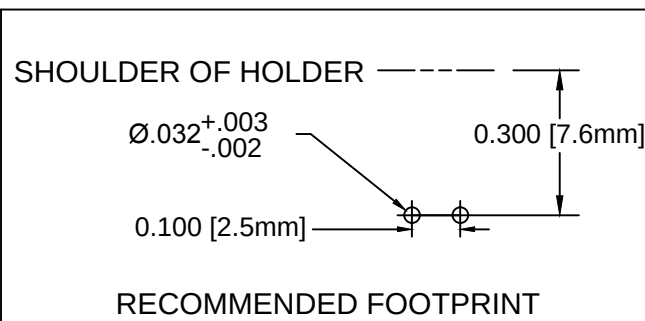
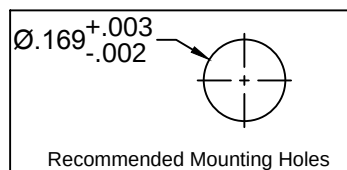
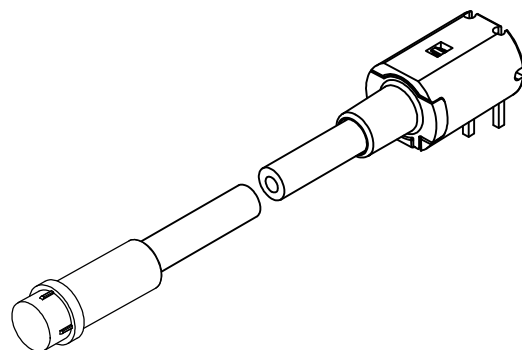
TABLE 1

" L " *	Tolerance
1.0" ~ 16.0"	±0.050"
16.1" ~ 40.0"	±0.15"
40.1" ~ 80.0"	±0.30"
80.1" ~ 3,940.0"	±0.5%

* Available in 0.1" increments only

 SINGLE COLOR LED
SHORT LEAD CATHODE

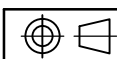
 BI-COLOR LED'S



SHORT LEAD CATHODE	LED PART NO.	LONG LEAD CATHODE
RED	3xBCC-F	GREEN
YELLOW	3BC-Y/G-F	GREEN

ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

REVERSE VOLTAGE	5V
REVERSE CURRENT	100uA
OPERATING TEMPERATURE RANGE	-25° C - 85° C
STORAGE TEMPERATURE	-30° 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°		
.XX ± .02			
.XXX ± .010		TITLE: FLEXIBLE LIGHT PIPE ASSY, FLAT FACE, RIGHT ANGLE	
DESIGNED: B. OLIVER	DATE: 09/14/09	PART NO: FLP2FRX.X-XXX	REVISION: F
REVISED: K. BARON	DATE: 11/13/18	CAGE CODE: 32559	
CHECKED: K. BARON	DATE: 11/13/18	SCALE: NONE	SHEET # 1 OF 3
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING			

FLEXIBLE LP ASSY Part No.	ADAPTER Part No.	LED Part No.	Peak Wave Length	Emitted Color	Electro-Optical Data @ 20mA		
			λp(nm)		Vf (V)		Iv (mcd)
					TYP	MAX	TYP
FLP2FRX.X-SG	FLPR2-SG	3SGC-F	568	SUPER GREEN	2.1	2.8	50
FLP2FRX.X-SY	FLPR2-SY	3SYC-F	590	SUPER YELLOW	2.0	2.8	50
FLP2FRX.X-SR	FLPR2-SR	3SRC-F	645	SUPER RED	1.7	2.4	60
FLP2FRX.X-UBW.6K	FLPR2-UBW	3UBWC-0.6K-F	470	BLUE	4.0	4.5	400
FLP2FRX.X-UT	FLPR2-UT	3UTC-F	500	TURQUOISE	3.5	4.0	800
FLP2FRX.X-UG	FLPR2-UG	3UGC-F	570	GREEN	2.1	2.4	200
FLP2FRX.X-SUG	FLPR2-SUG	3SUGC-F	570	GREEN	2.1	2.4	300
FLP2FRX.X-UY	FLPR2-UY	3UYC-F	590	YELLOW	2.0	2.4	300
FLP2FRX.X-UR	FLPR2-UR	3URC-F	645	RED	1.7	2.4	200
FLP2FRX.X-SUR	FLPR2-SUR	3SURC-F	640	RED	1.8	2.4	200
FLP2FRX.X-UW.6K	FLPR2-UW	3UWC1.035C-F	-	WHITE	3.2	3.6	6000

VISIT WWW.BIVAR.COM FOR CURRENT LED DATASHEETS
LED DETAILS ON DATASHEETS TAKE PRECEDENCE OVER DETAILS SHOWN HERE

FLEXIBLE LIGHT
PIPE SERIES

FLP2FR X.X - XXX

Emitted Colors

"L" LENGTH, inches
available in 0.1" increments only
e.g. 6.0, 11.5

REV.	DESCRIPTION	DATE	APPROVED
	See Sheet 1		

FLEXIBLE LP ASSY Part No.	Adapter Part No.	LED Part No.	Peak Wave Length λp(nm)	Emitted Color	Electro-Optical Data @ 20mA		
					Vf (V)		Iv (mcd)
					TYP	MAX	TYP
FLP2FRX.X-BC	FLPR2-BC	3BCC-F	625	HE RED	2.0	2.8	8
			568	GREEN	2.1	2.8	8
FLP2FRX.X-SBC	FLPR2-SBC	3SBCC-F	645	SUPER RED	1.7	2.4	100
			568	HE GREEN	2.1	2.8	60

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FLEXIBLE LIGHT PIPE SERIES

FLP2FR X.X - XXX

Emitted Colors

"L" LENGTH, inches
available in 0.1" increments only
e.g. 6.0, 11.5

BIVAR[®]	
PART NO:	FLP2FRX.X-XX
SCALE:	NONE
SHEET #	3 OF 3
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Mouser Electronics

Authorized Distributor

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