

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

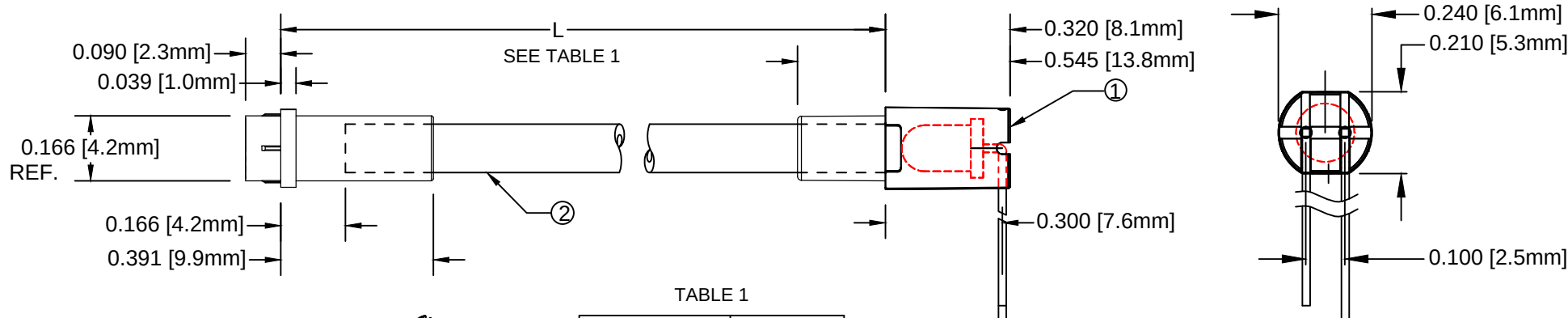
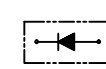
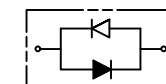


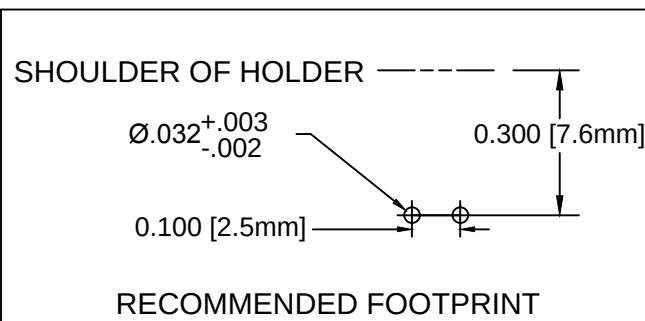
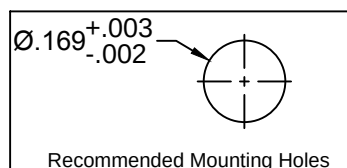
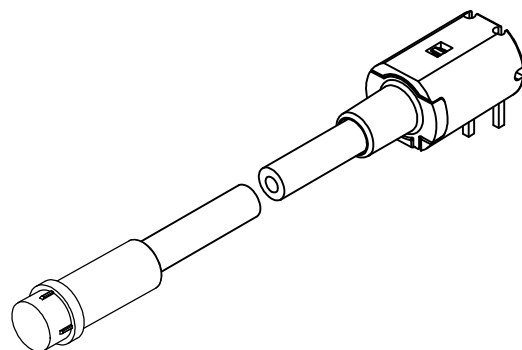
TABLE 1

" 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

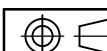
 BI-COLOR LED'S



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

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

		REVISION:
PART NO:		F
SCALE: NONE		SHEET # 3 OF 3
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING		

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

BIVAR:

[FLP2FR1.5-SUG](#) [FLP2FR1.5-SUR](#) [FLP2FR1.5-UW](#) [FLP2FR10.0-SUR](#) [FLP2FR10.0-UBW](#) [FLP2FR10.0-UW](#)
[FLP2FR12.0-UW](#) [FLP2FR2.0-SUG](#) [FLP2FR2.0-SUR](#) [FLP2FR2.5-SUG](#) [FLP2FR2.5-SUR](#) [FLP2FR2.5-UW](#)
[FLP2FR3.0-SUG](#) [FLP2FR3.0-SUR](#) [FLP2FR3.5-SUG](#) [FLP2FR3.5-SUR](#) [FLP2FR3.5-UBW](#) [FLP2FR3.5-UW](#)
[FLP2FR4.0-SUG](#) [FLP2FR4.0-SUR](#) [FLP2FR4.5-SUG](#) [FLP2FR4.5-SUR](#) [FLP2FR4.5-UW](#) [FLP2FR5.0-UW](#)
[FLP2FR5.5-UBW](#) [FLP2FR5.5-UW](#) [FLP2FR6.0-UW](#) [FLP2FR6.5-SUG](#) [FLP2FR6.5-UW](#) [FLP2FR7.0-UW](#) [FLP2FR7.5-](#)
[UW](#) [FLP2FR8.0-UBW](#) [FLP2FR8.0-UW](#) [FLP2FR8.5-UW](#) [FLP2FR9.0-SUG](#) [FLP2FR9.0-UBW](#) [FLP2FR9.0-UW](#)
[FLP2FR9.5-SUR](#) [FLP2FR9.5-UW](#)