

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	FLPD-XX.X	Flexible Light Pipe Lens Cap Assembly, 2mm, Dome Face

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release	09/14/09	T. Y.
B	Replace 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.

NOTE: FLPR2-XX ADAPTER SHIPPED NON-ASSEMBLED

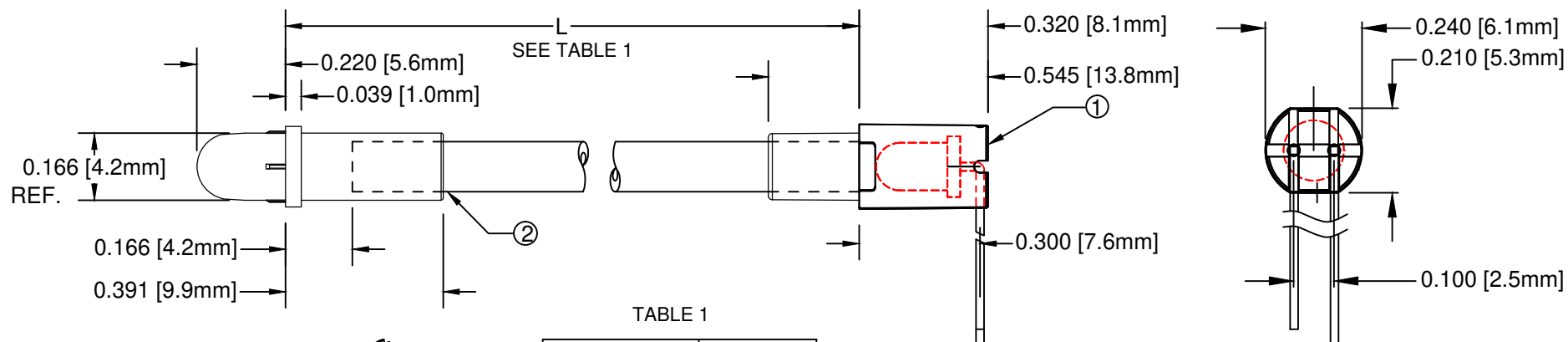
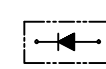
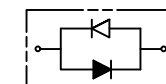


TABLE 1

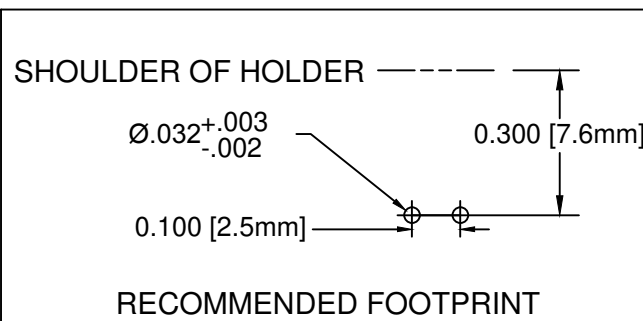
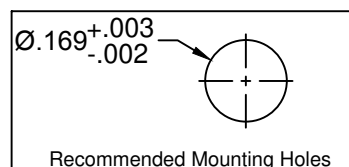
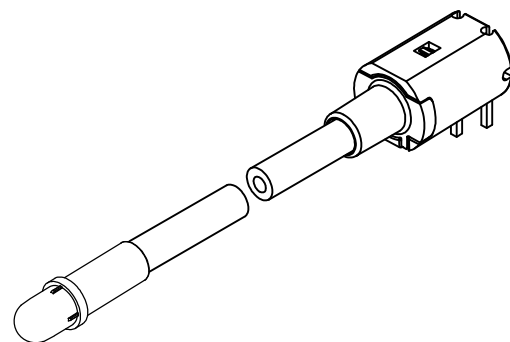
" L " *	Tolerance
1.0" ~ 16.0"	±0.050"
16.1" ~ 40.0"	±0.15"
40.1" ~ 80.0"	±0.30"
80.1" ~ 3,940.0"	±0.5%

* Available in 0.1" increments only

 SINGLE COLOR LED
SHORT LEAD CATHODE

 BI-COLOR LED'S

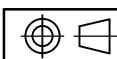
SHORT LEAD CATHODE	LED PART NO.	LONG LEAD CATHODE
RED	3xBCC-F	GREEN
YELLOW	3BC-Y/G-F	GREEN



RECOMMENDED FOOTPRINT

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)		 BIVAR [®] 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, DOME FACE, RIGHT ANGLE	
DESIGNED: B. OLIVER	DATE: 09/14/09	PART NO: FLP2DRX.X-XXX	REVISION: E
REVISED: TD. NGUYEN	DATE: 08/15/18	CAGE CODE: 32559	
CHECKED: K. BARON	DATE: 08/15/18	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 $\lambda_p(\text{nm})$	Emitted Color	Electro-Optical Data @ 20mA		
					Vf (V)		Iv (mcd)
					TYP	MAX	TYP
FLP2DRX.X-BC	FLPR2-BC	3BCC-F	625	HE RED	2.0	2.8	8
			568	GREEN	2.1	2.8	8
FLP2DRX.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

FLP2DR X.X - XXX

Emitted Colors

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