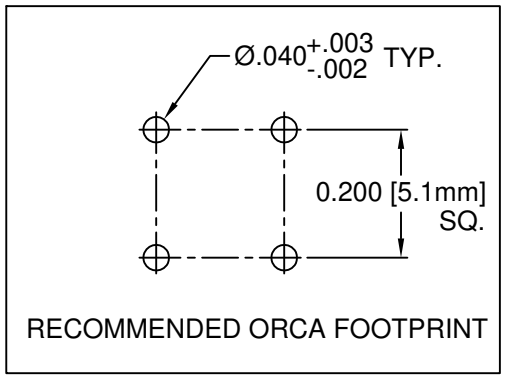
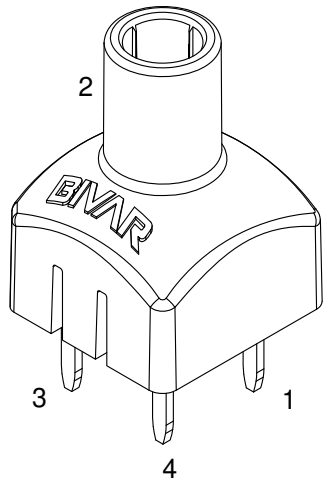
ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	ORFLP2	2mm Flexible Light Pipe ORCA Adapter
2	1	RXXXXX-4-0045	4.6mm Dome 4-Pin Super Flux ORCA LED, 45°

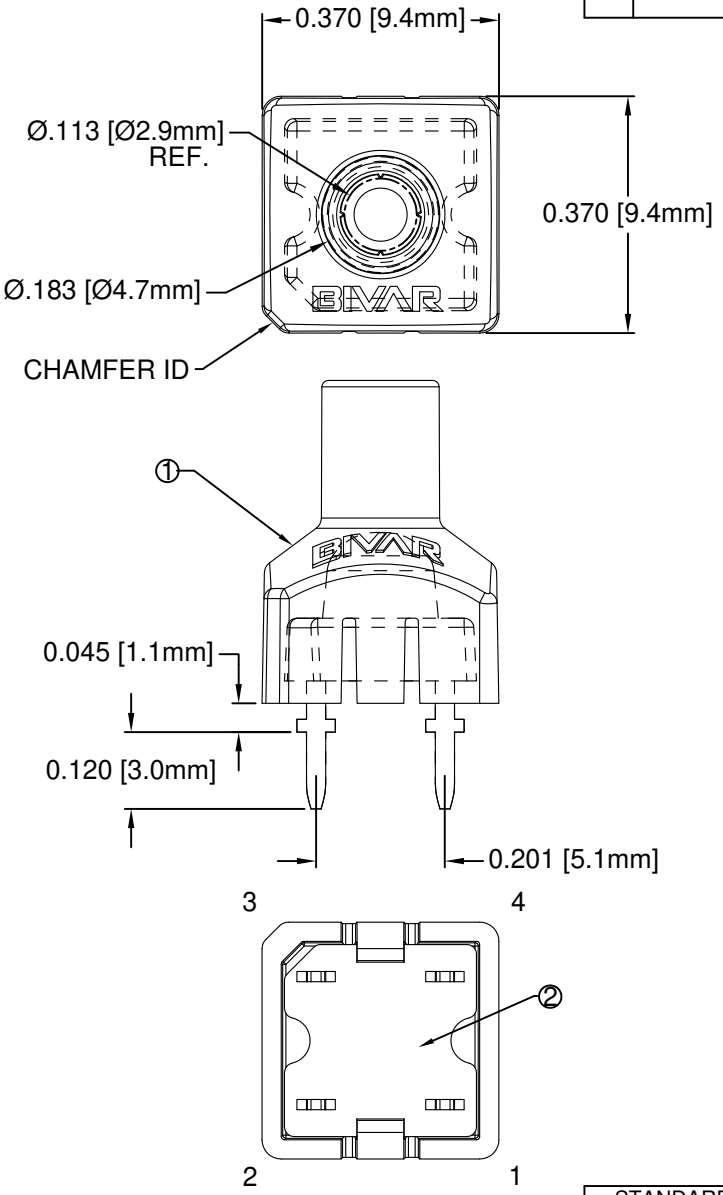
REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	09/14/09	T. Y.
B	Updated LED Optical Characteristics.	08/29/15	J. C.



RECOMMENDED ORCA FOOTPRINT



NOTE: SEE PAGE 2 FOR POLARITY



ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

REVERSE VOLTAGE	5V
REVERSE CURRENT	10uA
OPERATING TEMPERATURE RANGE	-25°C ~ +80°C
STORAGE TEMPERATURE	-30°C ~ +80°C
LEAD SOLDERING TEMPERATURE(1/16" FROM BODY)	260°C FOR 5 SECONDS

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)

DECIMALS		ANGULAR
.X	± .2	X° ± 1°
.XX	± .02	
.XXX	± .010	

BIVAR®
4 THOMAS, IRVINE, CA. 92618
TEL: (949) 951-8808 FAX: (949) 951-3974

DESIGNED: Raffy Paje	DATE: 09/14/09	TITLE: 2mm FLEXIBLE LIGHT PIPE ORCA ADAPTER W/ LED	
CHECKED: F. Jensen	DATE: 09/14/09	PART NO: ORFLP2-XXX	REVISION: B
		CAGE CODE : 32559	SHEET # 1 OF 2

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REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1		

Assy P/N	LED P/N	Emitted Color	Dominant Length λd(nm) / CCT (K)	Lens Appearance	Absolute Max. Ratings			Vf (V)			Iv (mcd)		Viewing Angle 2 θ½ (Deg)	POLARITY DIAGRAM
			MIN - MAX		Pd (mW)	If (mA)	Peak If (mA)	MIN	TYP	MAX	MIN	TYP		
SINGLE COLOR LED ASSEMBLIES (20mA)														
ORFLP2-BLU	R20BLU-4-0045	BLUE	465 - 475	WATER CLEAR	220	50	100	2.7	3.2	3.6	5000	8000	45	FIG. A
ORFLP2-GRN	R20GRN-4-0045	GREEN	517 - 527		220	50	100	2.7	3.2	3.6	15000	25000	45	FIG. A
ORFLP2-WHT	R20WHT-4-0045	WHITE	6000K		220	50	100	2.7	3.2	3.6	10000	16000	45	FIG. A
SINGLE COLOR LED ASSEMBLIES (50mA)														
ORFLP2-RED	R50RED-4-0045	RED	620 - 635	WATER CLEAR	140	80	160	1.8	2.4	2.6	12000	18000	45	FIG. A
ORFLP2-YLW	R50YLW-4-0045	YELLOW	588 - 596		140	80	160	1.8	2.4	2.6	12000	18000	45	FIG. A
BI-COLOR LED ASSEMBLIES (50mA)														
ORFLP2-RG	R50RG2-4-0045	RED	617 - 630	WATER CLEAR	150	80	160	1.8	2.4	2.6	3000	4000	45	FIG. B
		GREEN	515 - 525		220	80	150	3.0	3.4	3.8	6000	10000		
ORFLP2-RB	R50RB2-4-0045	RED	617 - 630	WATER CLEAR	150	80	160	1.8	2.4	2.6	3000	4000	45	FIG. C
		BLUE	460 - 470		220	80	150	3.0	3.4	3.8	1000	3000		
ORFLP2-BG	R50BG2-4-0045	BLUE	460 - 470	WATER CLEAR	220	80	150	3.0	3.4	3.8	1000	3000	45	FIG. D
		GREEN	515 - 525		220	80	150	3.0	3.4	3.8	6000	10000		
ORFLP2-RGB	R50RGB-4-0045	RED	617 - 630	WATER CLEAR	150	80	160	1.8	2.4	2.6	3000	4000	45	FIG. E
		GREEN	515 - 525		220	80	150	3.0	3.4	3.8	6000	10000		
		BLUE	460 - 470		220	80	150	3.0	3.4	3.8	1000	3000		

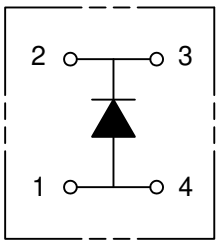


FIG. A

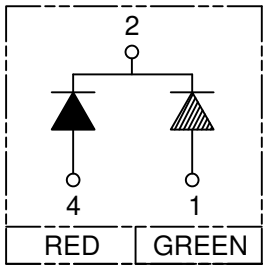


FIG. B

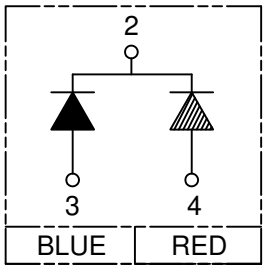


FIG. C

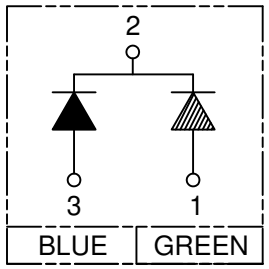


FIG. D

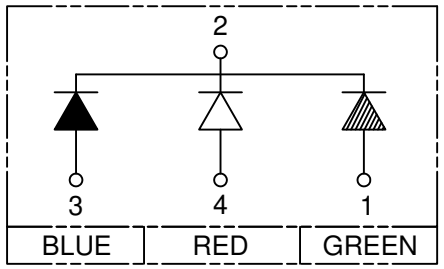


FIG. E

NOTES:
1. INDIVIDUAL LED P/N DATA AVAILABLE @ WWW.BIVAR.COM.

STANDARD TOLERANCE
(UNLESS OTHERWISE SPECIFIED)
DECIMALS ANGULAR

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TITLE: 2mm FLEXIBLE LIGHT PIPE ORCA ADAPTER W/ LED

DESIGNED:	DATE:	PART NO:	REVISION:
Raffy Paje	09/14/09	ORFLP2-XXX	B
CHECKED: F. Jensen	DATE: 09/14/09	CAGE CODE : 32559	SHEET # 2 OF 2

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