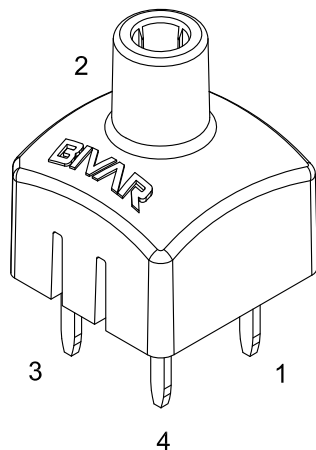
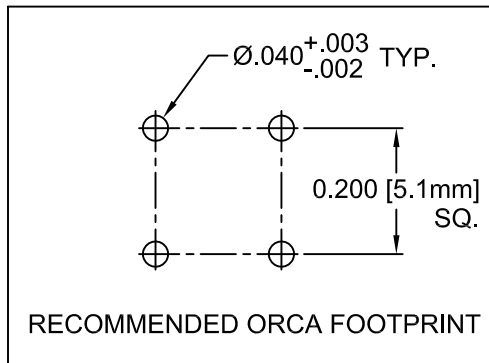
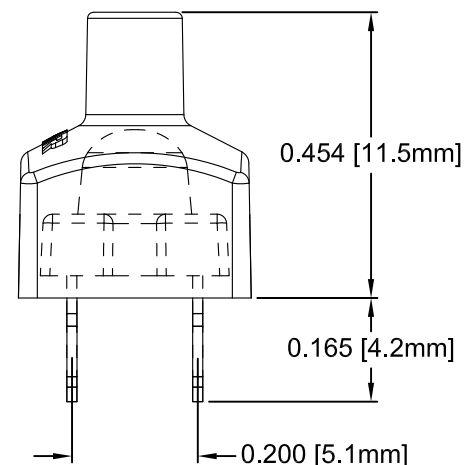
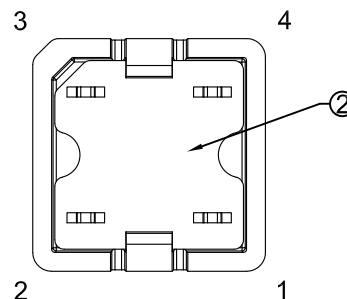
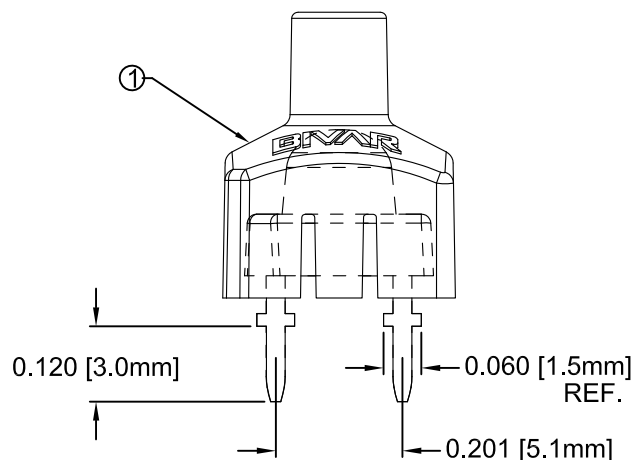
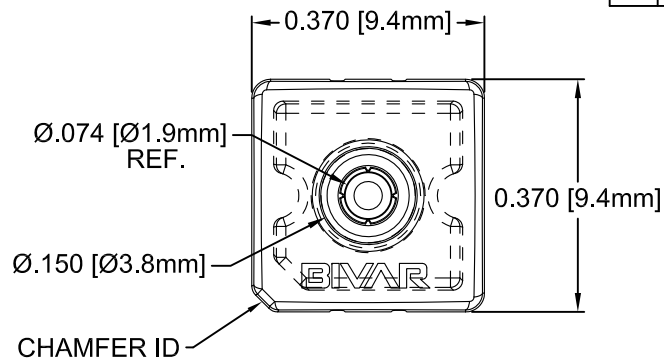


ITEM	Q'TY	PART NUMBER	PART DESCRIPTION
1	1	ORFLP1	1mm Flexible Light Pipe ORCA Adapter
2	1	RXXXXX-4-0045	4.6mm Dome 4-Pin Super Flux ORCA LED, 45°

REV.	DESCRIPTION	DATE	APPROVED
A	Engineering Release.	04/06/09	T. Y.



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)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DECIMALS	ANGULAR		
.X ± .2	X° ± 1°		
.XX ± .02			
.XXX ± .010		TITLE: 1mm FLEXIBLE LIGHT PIPE ORCA ADAPTER W/ LED	
DESIGNED: Raffy Paje	DATE: 04/06/09	PART NO: ORFLP1-XXX	
CHECKED: F. Jensen	DATE: 04/06/09	CAGE CODE : 32559 SHEET # 1 OF 2	
		CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	

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
			Pd (mW)		If (mA)	Peak If (mA)								
			MIN - MAX		MIN	TYP	MAX	MIN	TYP					
SINGLE COLOR LED ASSEMBLIES (20mA)														
ORFLP1-BLU	R20BLU-4-0045	BLUE	465 -475	WATER CLEAR	220	50	100	3.0	3.4	3.8	1000	1500	45	FIG. A
ORFLP1-GRN	R20GRN-4-0045	GREEN	516 - 526		220	50	100	3.0	3.4	3.8	6000	8000	45	FIG. A
ORFLP1-WHT	R20WHT-4-0045	WHITE	6000K		220	50	100	3.0	3.4	3.8	6000	8000	45	FIG. A
SINGLE COLOR LED ASSEMBLIES (50mA)														
ORFLP1-RED	R50RED-4-0045	RED	620 - 635	WATER CLEAR	140	80	160	2.0	2.4	2.8	5000	6000	45	FIG. A
ORFLP1-YLW	R50YLW-4-0045	YELLOW	588 - 594		140	80	160	2.0	2.4	2.8	5000	6000	45	FIG. A
BI-COLOR LED ASSEMBLIES (50mA)														
ORFLP1-RG	R50RG2-4-0045	RED	620 - 635	WATER CLEAR	150	80	160	2.2	2.6	3.0	3000	4000	45	FIG. B
		GREEN	515 - 525		220	80	150	3.4	3.8	4.4	4000	5000		
ORFLP1-RB	R50RB2-4-0045	RED	620 - 635	WATER CLEAR	150	80	160	2.2	2.6	3.0	3000	4000	45	FIG. C
		BLUE	460 - 470		220	80	150	3.4	3.8	4.4	200	400		
ORFLP1-BG	R50BG2-4-0045	BLUE	460 - 470	WATER CLEAR	220	80	150	3.4	3.8	4.4	200	400	45	FIG. D
		GREEN	515 - 525		220	80	150	3.4	3.8	4.4	4000	5000		
ORFLP1-RGB	R50RGB-4-0045	RED	620 - 635	WATER CLEAR	150	80	160	2.2	2.6	3.0	3000	4000	45	FIG. E
		GREEN	515 - 525		220	80	150	3.4	3.8	4.4	4000	5000		
		BLUE	460 - 470		220	80	150	3.4	3.8	4.4	200	400		

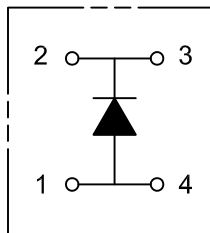


FIG. A

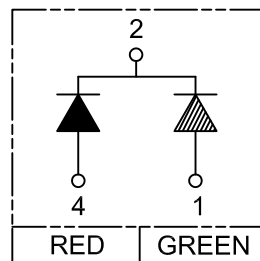


FIG. B

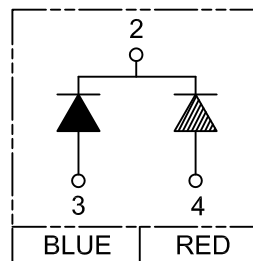


FIG. C

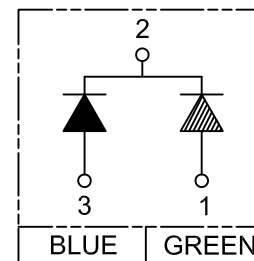


FIG. D

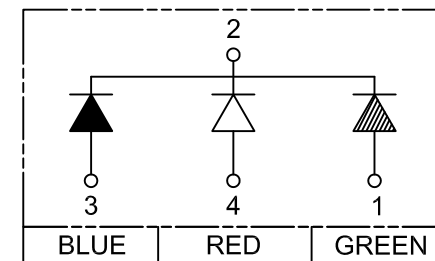


FIG. E

NOTES:

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

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 BIVAR [®] 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
DESIGNED:	DATE:		
Raffy Paje	04/06/09	TITLE: 1mm FLEXIBLE LIGHT PIPE ORCA ADAPTER W/ LED	
CHECKED:	DATE:	PART NO:	REVISION:
F. Jensen	04/06/09	ORFLP1-XXX	A
		CAGE CODE : 32559	SHEET # 2 OF 2
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			

Mouser Electronics

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BIVAR:

[ORFLP1-GRN](#) [ORFLP1-YLW](#) [ORFLP1-BLU](#) [ORFLP1-RED](#) [ORFLP1-RG](#) [ORFLP1-RGB](#) [ORFLP1-WHT](#) [ORFLP1-BG](#) [ORFLP1-RB](#)