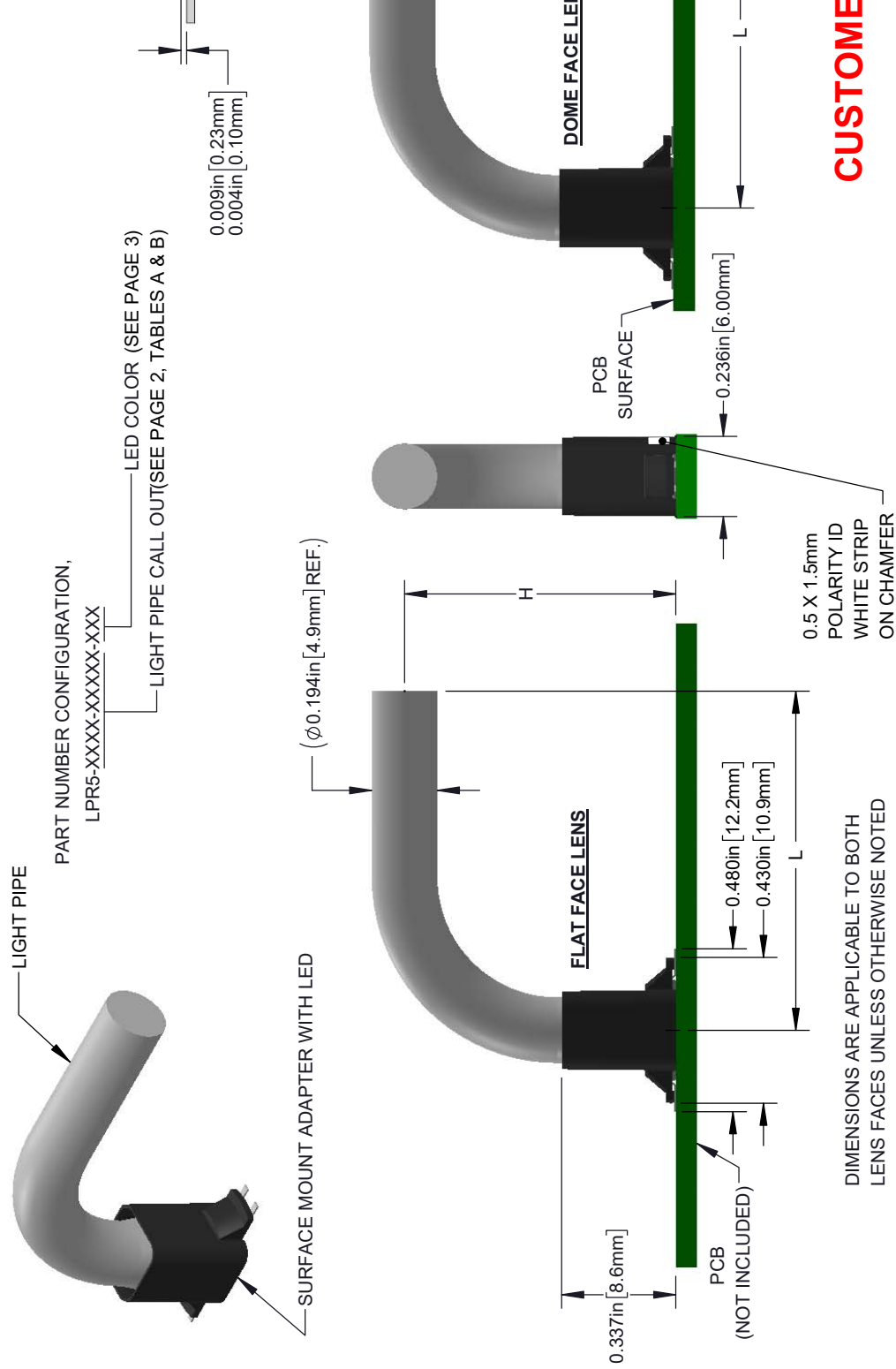


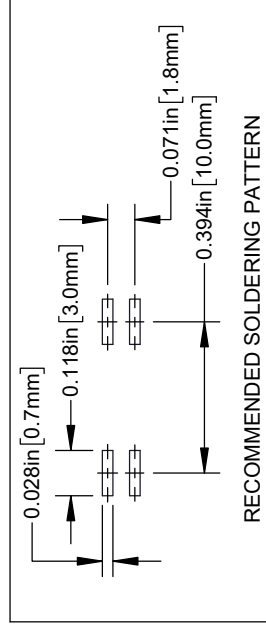
NOTES:

1. PARTS ARE SHIPPED NON-ASSEMBLED.
2. SEE SHEET 4 FOR PACKAGING PLAN.

REV.	DESCR.
B	Engineering Release
C	ECO-1231 - Add Bent Pin T
D	ECO-1250 - Updated Com
E	ECO-1279 - Updated MFG



DIMENSIONS ARE APPLICABLE TO BOTH
LENS FACES UNLESS OTHERWISE NOTED



CUSTOMER

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)	
DECIMALS	$\pm 1^\circ$
ANGULAR	$X^\circ \pm 1^\circ$
.X	$\pm .1$
.XX	$\pm .02$
.XXX	$\pm .010$

DESIGNED:	K. BARON	DATE:	7/11/2018
REVISID:	K. BARON	DATE:	8/1/2024
CHECKED:	D. ASHBY	DATE:	8/1/2024

REV.

DESCR

See Sheet 1

STANDARD ORDERING INFORMATION

TABLE A - FLAT FACE LENS

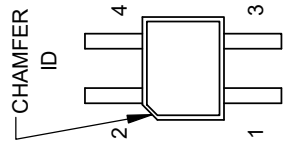
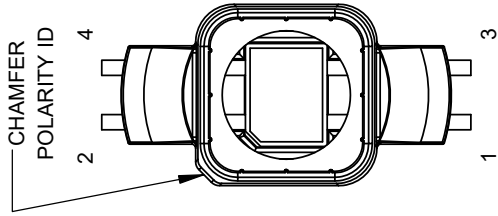
PART NO.	H ±.01	L ±.01
LPR5-0800-0700F-XXX	0.800 [20.3mm]	0.700 [17.8mm]
LPR5-0800-1000F-XXX		1.000 [25.4mm]
LPR5-0800-1500F-XXX		1.500 [38.1mm]
LPR5-0800-2000F-XXX	0.800 [20.3mm]	2.000 [50.8mm]
LPR5-0800-2500F-XXX		2.500 [63.5mm]
LPR5-0800-3000F-XXX		3.000 [76.2mm]
LPR5-1000-0700F-XXX	1.000 [25.4mm]	0.700 [17.8mm]
LPR5-1000-1000F-XXX		1.000 [25.4mm]
LPR5-1000-1500F-XXX		1.500 [38.1mm]
LPR5-1000-2000F-XXX	1.000 [25.4mm]	2.000 [50.8mm]
LPR5-1000-2500F-XXX		2.500 [63.5mm]
LPR5-1000-3000F-XXX		3.000 [76.2mm]
LPR5-1250-0700F-XXX	1.250 [31.8mm]	0.700 [17.8mm]
LPR5-1250-1000F-XXX		1.000 [25.4mm]
LPR5-1250-1500F-XXX		1.500 [38.1mm]
LPR5-1250-2000F-XXX	1.250 [31.8mm]	2.000 [50.8mm]
LPR5-1250-2500F-XXX		2.500 [63.5mm]
LPR5-1250-3000F-XXX		3.000 [76.2mm]

TABLE B - DOME FACE LENS

PART NO.	H ±.01
LPR5-0800-0700D-XXX	0.800 [20.3mm]
LPR5-0800-1000D-XXX	
LPR5-0800-1500D-XXX	
LPR5-0800-2000D-XXX	0.800 [20.3mm]
LPR5-0800-2500D-XXX	
LPR5-0800-3000D-XXX	
LPR5-1000-0700D-XXX	1.000 [25.4mm]
LPR5-1000-1000D-XXX	
LPR5-1000-1500D-XXX	
LPR5-1000-2000D-XXX	1.000 [25.4mm]
LPR5-1000-2500D-XXX	
LPR5-1000-3000D-XXX	
LPR5-1250-0700D-XXX	1.250 [31.8mm]
LPR5-1250-1000D-XXX	
LPR5-1250-1500D-XXX	
LPR5-1250-2000D-XXX	1.250 [31.8mm]
LPR5-1250-2500D-XXX	
LPR5-1250-3000D-XXX	

CUSTOM!

CAGE CODE:	32555
SHEET SIZE:	A



Order Code XXX	Emitted Color	Peak Wave L. λ_p [nm]	Electro-Optical Data @20mA, 25°C						Polarity Diagram
			V_f [V]			I_v [mcd]			
			MIN	TYP	MAX	MIN	TYP	MAX	
			TYP			TYP			
R130	Red	640	1.7	2.0	2.5	130	FIGURE A		
R480	Red	630	1.7	2.0	2.5	480			
A220	Amber	610	1.7	2.0	2.5	220			
O170	Orange	590	1.7	2.0	2.5	170			
Y50	Yellow	570	1.7	2.0	2.5	50	FIGURE B		
G850	Green	520	2.8	3.2	3.7	850			
B150	Blue	465	2.8	3.2	3.7	150			
W305	White	X = 0.308 Y = 0.305	2.8	3.0	3.7	1750			
OY	Orange	590	1.7	2.0	2.5	190	FIGURE C		
	Yellow	572	1.7	2.0	2.5	60			
RY	Red	640	1.7	2.0	2.5	110	FIGURE D		
	Yellow	572	1.7	2.0	2.5	55			
RG	Red	640	1.7	2.0	2.5	200	FIGURE E		
	Green	520	2.8	3.2	3.7	810			
RW	Red	630	1.7	2.0	2.5	130	FIGURE F		
	White	X = 0.28 Y = 0.29	2.8	3.2	3.7	520			
RB	Red	650	1.7	2.0	2.5	80	FIGURE G		
	Blue	465	2.8	3.2	3.7	150			
RGB	Red	643	1.7	2.0	2.5	95	FIGURE H		
	Green	515	2.8	3.3	3.7	730			
	Blue	460	2.8	3.3	3.7	120			

Note: 10% Duty Cycle, Pulse Width \leq 0.1msec for Peak If.

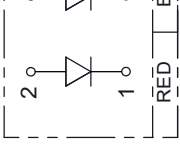
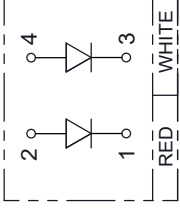
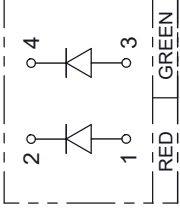
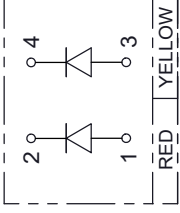
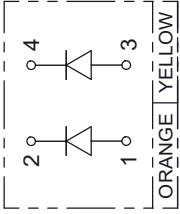
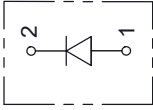
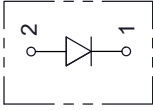


FIG. A FIG. B

FIG. C

FIG. D

FIG. E

FIG. F

FIG. G

CUSTOMER USE DRAWING

CAGE CODE:	32555
SHEET SIZE:	A

PACKAGING PLAN

PARTS ARE SHIPPED IN QUANTITY OF 400 AS IN THE FOLLOWING:

1. ONE BAG CONTAINING FOUR LIGHT PIPE PACKAGES, 100 EACH, AND ONE LEVEL 4 MOISTURE SEALED TRAY WITH 400 SURFACE MOUNT ADAPTERS.
2. BAG SIZE IS APPROXIMATELY 16 X 18 INCHES (406.4 X 457.2 mm).
3. TRAY SIZE IS APPROXIMATELY 10 X 14 X 0.6 INCHES (254 X 355.6 X 15.2 mm), INCLUDING TOP COVER AND BOTTOM TRAY. ADAPTERS ARE ARRANGED AS SHOWN IN FIGURE 1.

10 ADAPTERS IN EACH POCKET

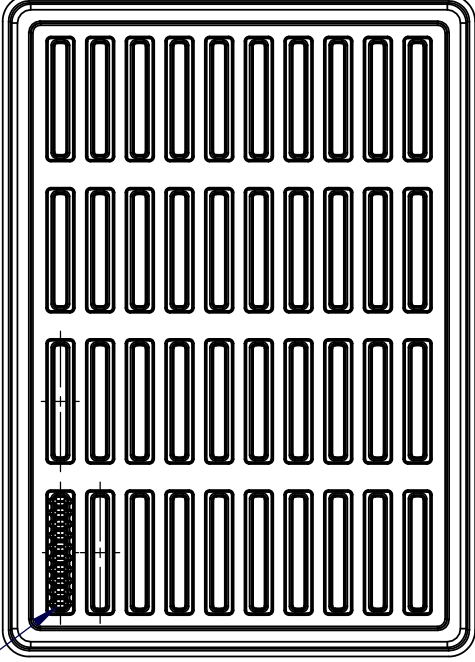
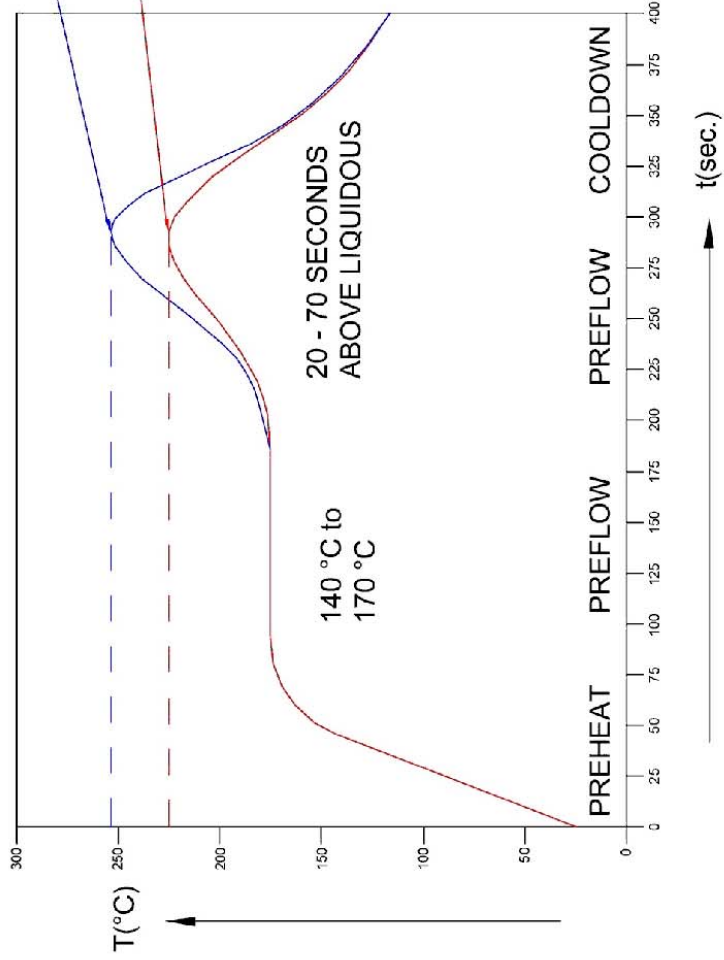


FIGURE 1
BOTTOM TRAY
4 X 10 POCKETS

CUSTOM!

CAGE CODE:	3255
SHEET SIZE:	A

RECOMMENDED REFLOW SOLDERING PROFILE



MAX LEAD FREE SOLDERING
TEMP, 255°C - 5 SEC

MAX LEADED SOLDERING
TEMP, 220°C - 5 SEC

20 - 70 SECONDS
ABOVE LIQUIDOUS

140 °C to
170 °C

PREHEAT PREFLOW PREFLOW COOLDOWN

t(sec.)



CUSTOM!

NOTE:
1. DO NOT CLEAN AFTER SOLDERING. ONLY USE NO-CLEAN SOLDER PASTE.

CAGE CODE:	3255
SHEET SIZE:	A

Looking for pricing, stock, or lifecycle information?

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-  [Bivar Inc. Information](#)

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-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management