



Customer Product/Process Change Notification

PCN # 112404
Issued Date: 08.Dez.23
Issued By: Jason Yost
Author: Jason Yost

Change affects whole product family?

Part #'s affected (See attached if entire product family is affected)

See attached.

Description of Change:

Moving to alternative white resin. Current white resin is unavailable.

Reason for Change:

Unable to procure existing white translucent resin. Moving to closest available alternative.

Properties of Old vs. Changed Product:

Same form and fit. New material is slightly stronger

Disposition of Old Product:

N/A

Expected Implementation Date: immediate

Customer Feedback Expected by: N/A

Additional Comments: (Include Potential Risks if Appropriate)

Minimal difference in the off-state. Product looks the same in the on-state, but new material is slightly more translucent.
Note: Molded a smaller lens and a larger lens only because we did not have enough existing resin to molds of all parts for comparison.

Supporting Qualification Data:

Attached as necessary

Old

New

Affected Part Numbers

PCN # 112404

Part Numbers Affected by the change.

<u>Part Number</u>	<u>Description</u>
1353275003F	MIN. PANEL IND.
0953175003F	MIN. PANEL IND.
0953175003	MIN. PANEL IND.
0953175	MIN. PANEL IND.
0851235300	MIN. PANEL IND.
0810235303	MIN. PANEL IND.
0810135303	MIN. PANEL IND.
0810135300	MIN. PANEL IND.
0810135203	MIN. PANEL IND.
0810135100	MIN. PANEL IND.
0801335300	LARGE PANEL IND.
0801235303	LARGE PANEL IND.
0801235300	LARGE PANEL INDICATOR
0800535303	LARGE PANEL IND.
0800535300	LARGE PANEL INDICATOR
0800535203	LARGE PANEL IND.
0740535400	INDICATOR CAP
0740535303	INDICATOR CAP
0701195300	MIN. PANEL IND.
0701135300	MIN. PANEL IND.
0610235300	LARGE PANEL INDICATOR
0510435300	LARGE PANEL INDICATOR
0510235300	LARGE PANEL INDICATOR
0510135303	LARGE PANEL INDICATOR
0510135300	LARGE PANEL INDICATOR
0510135203	LARGE PANEL INDICATOR
0411335300	LARGE PANEL INDICATOR
0410435300	LARGE PANEL INDICATOR
0370235200	MIN. PANEL IND.
0370135300	MIN. PANEL IND.
0310535300	LARGE PANEL INDICATOR
0310435300	LARGE PANEL INDICATOR
0310235300	LARGE PANEL INDICATOR
0310135300	LARGE PANEL INDICATOR
0261195300	MIN. PANEL IND.
0261195203	MIN. PANEL IND.
0261135303	MIN. PANEL IND.
0261135300	MIN. PANEL IND.
0261135203	MIN. PANEL IND.
0190535303	LARGE PANEL INDICATOR
0190535203	LARGE PANEL INDICATOR
0190535200	LARGE PANEL INDICATOR

If Applicable

<u>New Part Number</u>	<u>Description</u>
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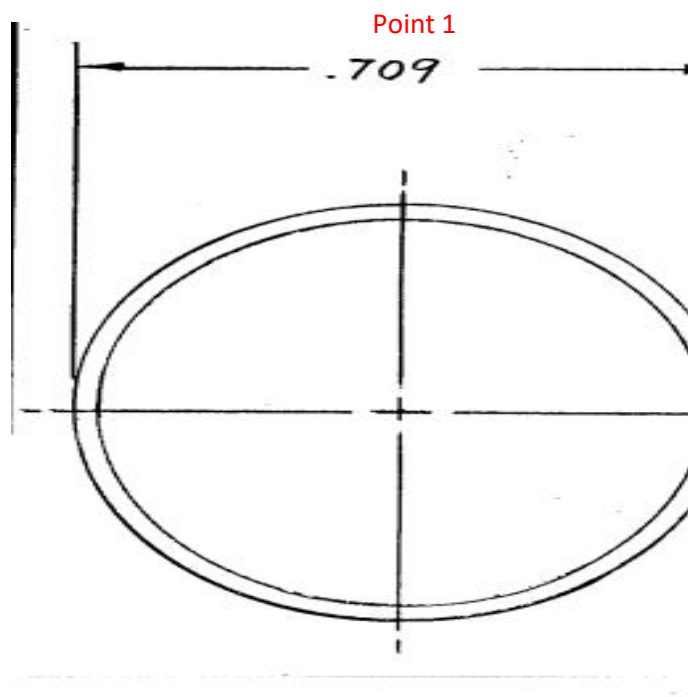
23082 OE Signals & Components

<i>Red LED</i>			<i>Yellow LED</i>		
Old	New	Units	Old	New	Units
345.7	565.66	mcd	421.77	787.03	mcd

RED LED		YELLOW LED	
Old	New	Old	New
0.3429	0.5693	0.4391	0.7891
0.3292	0.5638	0.4266	0.7933
0.341	0.5664	0.4332	0.7809
0.349	0.5632	0.339	0.7894
0.3467	0.5665	0.4367	0.7827
0.3463	0.5688	0.4319	0.7905
0.3403	0.5661	0.4364	0.7837
0.3457	0.5612	0.4313	0.7866
0.342638	0.565663	0.421775	0.787025
mcd =	mcd =	mcd =	mcd =
345.70	565.66	421.775	787.03

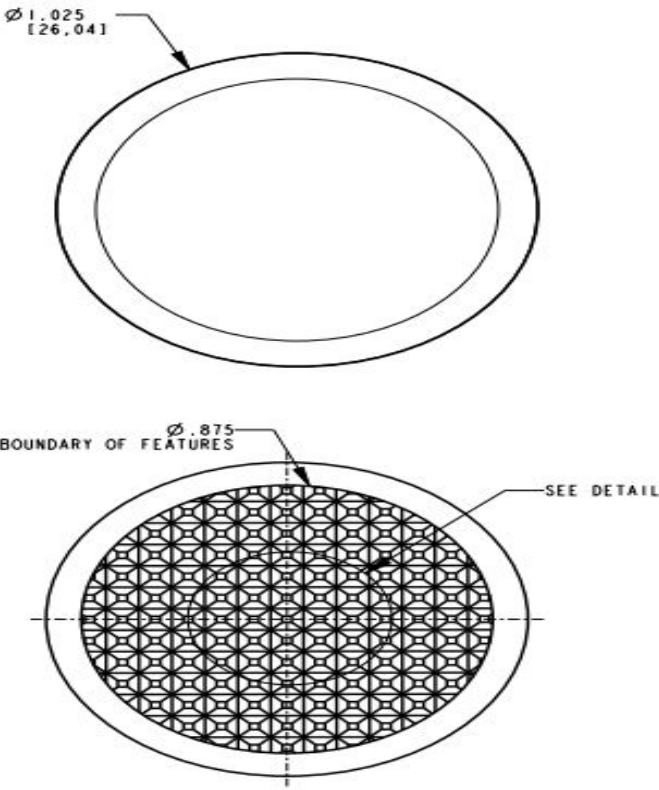
Power Data	
Red	Yellow
12VDC	24VDC

Print ID No.	Dimension Characteristics	1
1	0.709 ± .005	0.706
2	0.560 ± 0.005	0.556
3	0.475 ± 0.005	0.477
4	0.655 ± 0.005	0.651
5	COLOUR	WHITE
6	VISUAL	OK
7	Resin: 9000000261444 PC, WHITE, PCUV2-D-1603	OK



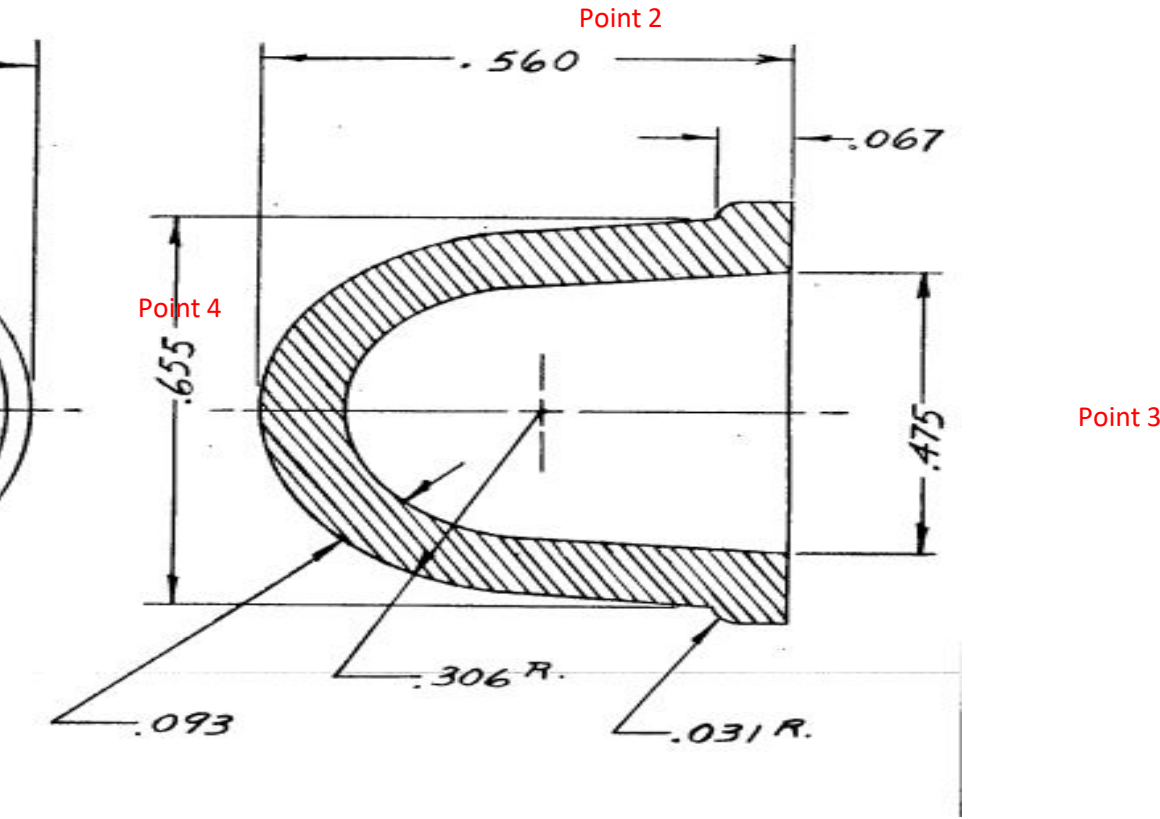
Print ID No.	Dimension Characteristics	1
1	1.025 ± .005	1.023
2	0.182 ± 0.005	0.186
3	0.088 ± 0.005	0.089
4	0.015 ± 0.003	0.012
5	COLOUR	WHITE

6	VISUAL	OK
7	Resin: 9000000261444	OK
	PC, WHITE, PCUV2-D-1603	



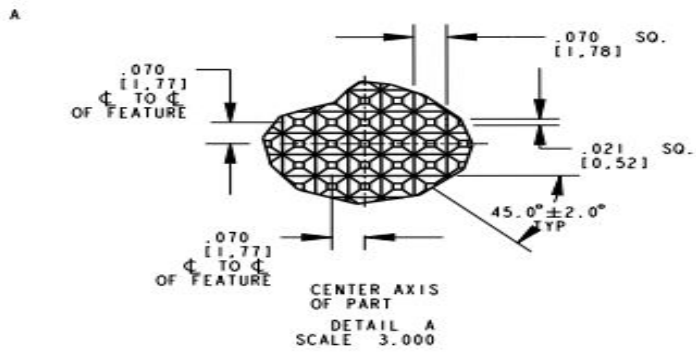
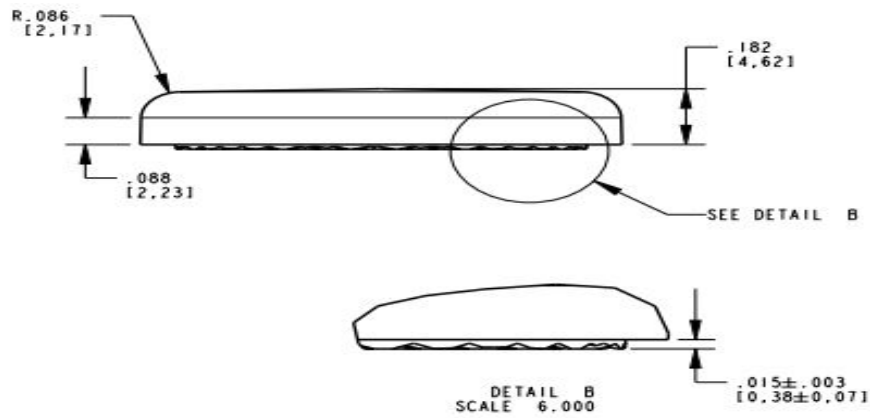
NOTES: All Dimensions
In Inches Unless
Noted.

Cavity No. / Sample No.					
2	3	4	5	6	7
0.704	0.706	0.706	0.705	0.705	
0.555	0.555	0.555	0.556	0.555	
0.476	0.477	0.477	0.476	0.476	
0.650	0.651	0.651	0.650	0.651	
WHITE	WHITE	WHITE	WHITE	WHITE	
OK	OK	OK	OK	OK	
OK	OK	OK	OK	OK	



Cavity No. / Sample No.					
2	3	4	5	6	7
1.024	1.023	1.023	1.024	1.023	
0.187	0.186	0.186	0.186	0.186	
0.090	0.090	0.090	0.089	0.089	
0.013	0.012	0.012	0.012	0.012	
WHITE	WHITE	WHITE	WHITE	WHITE	

OK	OK	OK	OK	OK	
OK	OK	OK	OK	OK	

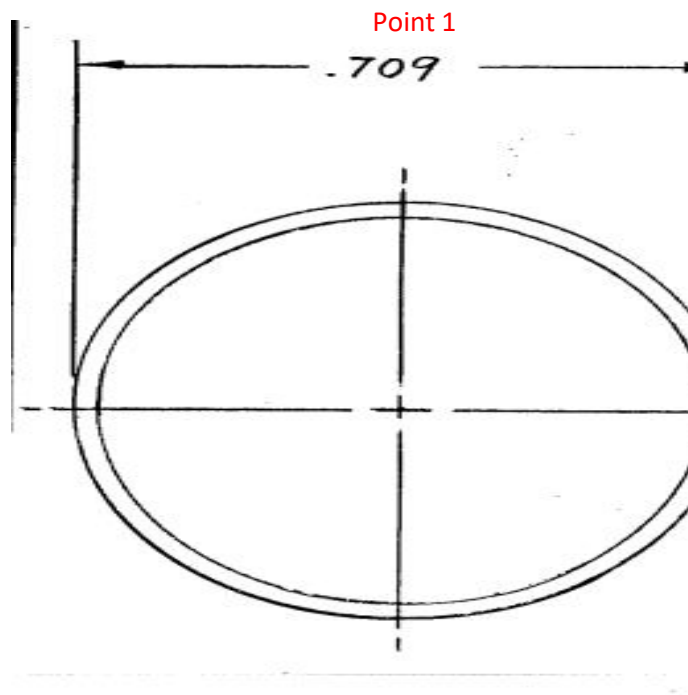


b

Dimensions Are
; Otherwise

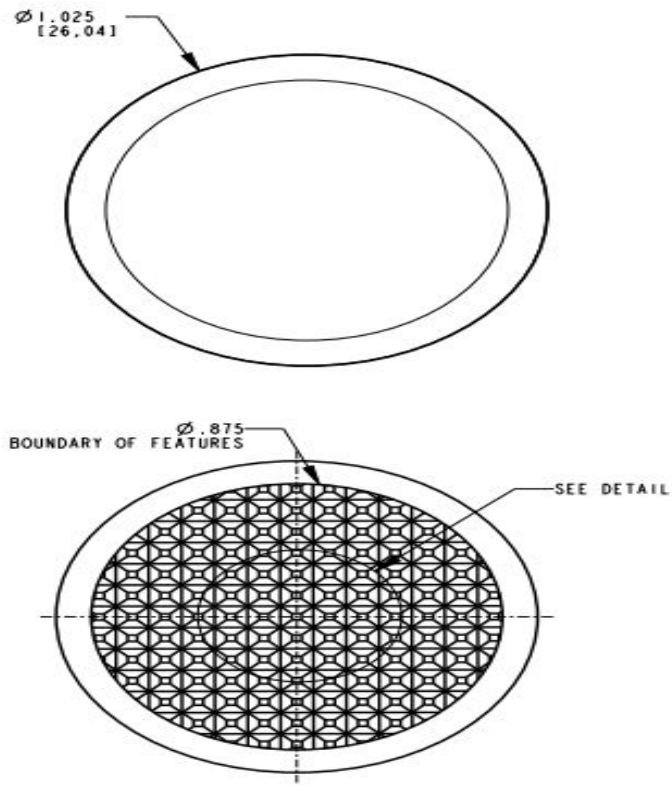
[illegible][illegible]

Print ID No.	Dimension Characteristics	1
1	0.709 ± .005	0.705
2	0.560 ± 0.005	0.555
3	0.475 ± 0.005	0.470
4	0.655 ± 0.005	0.654
5	COLOUR	WHITE TRANSLUCENT
6	VISUAL	OK
7	Resin: 9000000260714	OK
	LEXAN 141-8224 WHITE TRANSLUCENT	

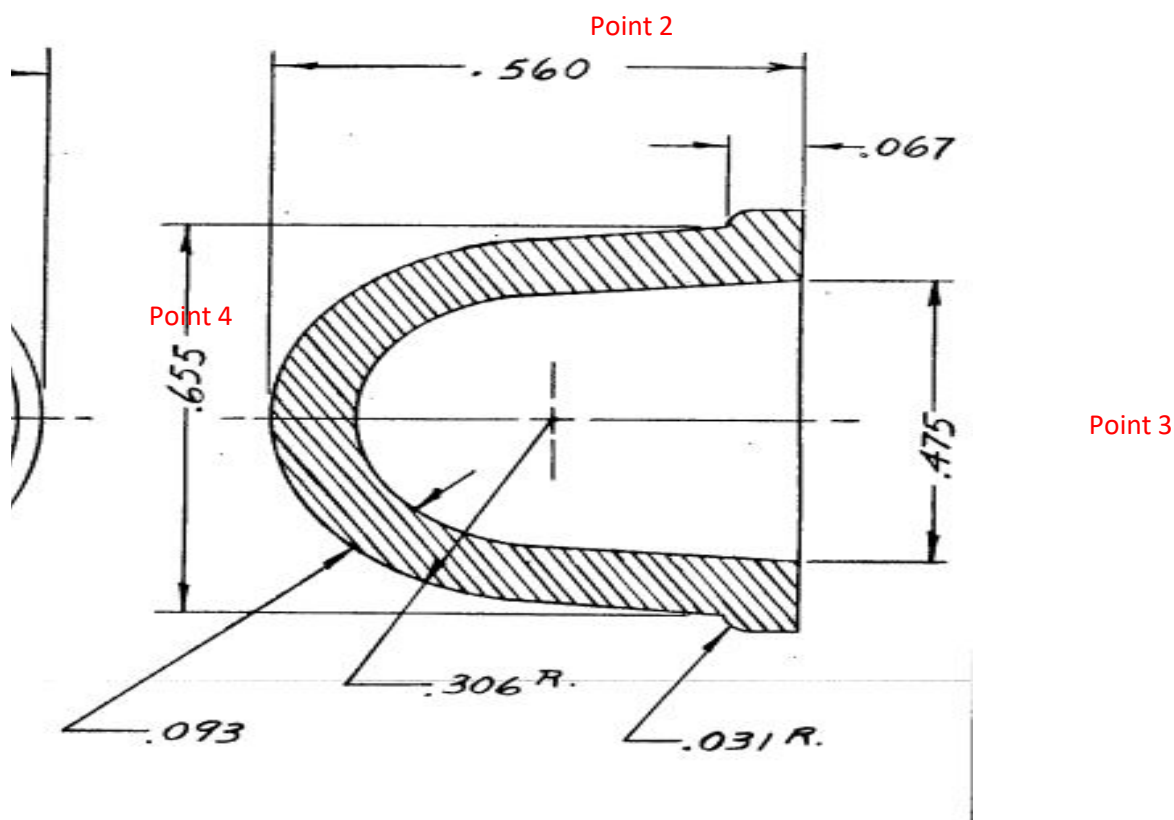


Print ID No.	Dimension Characteristics	1
1	1.025 ± .005	1.022
2	0.182 ± 0.005	0.185
3	0.088 ± 0.005	0.088
4	0.015 ± 0.003	0.013

5	COLOUR	WHITE TRANSLUCENT
6	VISUAL	OK
7	Resin: 9000000260714 LEXAN 141-8224 WHITE TRANSLUCENT	OK

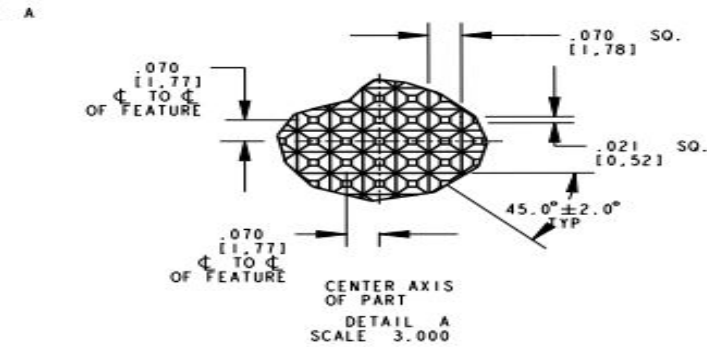
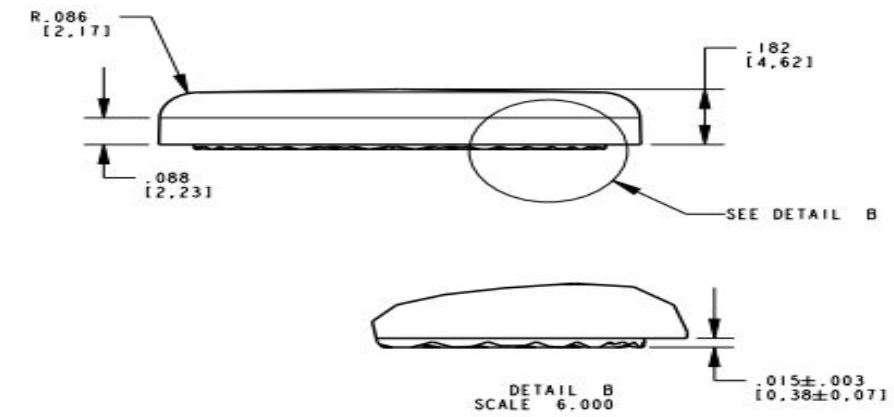


Cavity No. / Sample No.					
2	3	4	5	6	7
0.704	0.704	0.705	0.704	0.705	
0.555	0.556	0.556	0.555	0.555	
0.470	0.470	0.470	0.470	0.470	
0.653	0.653	0.654	0.654	0.653	
WHITE TRANSLUCENT	WHITE TRANSLUCENT	WHITE TRANSLUCENT	WHITE TRANSLUCENT	WHITE TRANSLUCENT	
OK	OK	OK	OK	OK	
OK	OK	OK	OK	OK	



Cavity No. / Sample No.					
2	3	4	5	6	7
1.021	1.022	1.022	1.022	1.021	
0.186	0.185	0.185	0.185	0.186	
0.089	0.088	0.087	0.087	0.087	
0.014	0.014	0.014	0.013	0.013	

WHITE TRANSLUCENT	WHITE TRANSLUCENT	WHITE TRANSLUCENT	WHITE TRANSLUCENT	WHITE TRANSLUCENT	
OK	OK	OK	OK	OK	
OK	OK	OK	OK	OK	



b

Dimensions Are
; Otherwise

[illegible][illegible]

[illegible]

Key Dates

Effective Date:	29.11.2023
Last Time Buy Date:	N/A
Sample Availability Date:	N/A
Literature Updated:	N/A

Comments