

**Product / Process Change Notification (PCN)**  
Honeywell Juarez Optoelectronica

|       |     |                    |           |
|-------|-----|--------------------|-----------|
| PCN # | 466 | Notification Date: | 3/29/2022 |
|-------|-----|--------------------|-----------|

|        |   |  |  |
|--------|---|--|--|
| Title: | Alternate Resin for V Basic Switch Covers and Cases |  |  |
|--------|---|--|--|

|           |                   |                          |               |                                     |
|-----------|-------------------|--------------------------|---------------|-------------------------------------|
| PCN type: | Notification only | <input type="checkbox"/> | Authorization | <input checked="" type="checkbox"/> |
|-----------|-------------------|--------------------------|---------------|-------------------------------------|

**Honeywell Contact**

|                 |                            |                 |                     |
|-----------------|----------------------------|-----------------|---------------------|
| Name:           | Artemio Lara               | Title:          | Sr Quality Engineer |
| Business Phone: | 6566497523                 | Fax #           | n/a                 |
| E-mail:         | Artemio.lara@honeywell.com | Date initiated: | 3/29/2022           |

**Product Identification**

|   |                     |                          |  |
|---|---------------------|--------------------------|--|
| Affected Part #(s)                                | Read appendix below |                          |  |
| Revision # (s)                                    | Read appendix below |                          |  |
| Does this change result in product number change? | YES                 | <input type="checkbox"/> | NO <input checked="" type="checkbox"/> |

**Reason for Change: (check all that apply)**

|                              |                                     |                            |                          |
|------------------------------|-------------------------------------|----------------------------|--------------------------|
| Material                     | <input checked="" type="checkbox"/> | Processing / Manufacturing | <input type="checkbox"/> |
| Design / Firmware / Software | <input type="checkbox"/>            | Datasheet                  | <input type="checkbox"/> |
| Logistics                    | <input type="checkbox"/>            | Functional                 | <input type="checkbox"/> |
| Appearance                   | <input type="checkbox"/>            | Dimensional                | <input type="checkbox"/> |
| Quality / Reliability        | <input type="checkbox"/>            | Other:                     | <input type="checkbox"/> |

**Change Description (include detailed process steps as applicable)**

|   |     |                          |    |                                     |
|---|-----|--------------------------|----|-------------------------------------|
| Documentation attached:   | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| Material shortage of Celanese Thermx TE3002 BK010 used on V7 case and covers had led Honeywell to qualify an alternate material, which is Solvay Ryton R-4-200NA. |     |                          |    |                                     |

**Justification for change**

|   |     |                          |    |                                     |
|---|-----|--------------------------|----|-------------------------------------|
| Documentation attached:   | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| Honeywell currently used the Ryton R-4-200NA exclusively on V7 switches rated to 200°C. Due to the material shortage, we will extend the use of this material to the lower rated switches (impacted part numbers included in appendix). |     |                          |    |                                     |

**Quantifiable impact on Quality & Reliability (Include FMEA / reliability data as applicable)**

|   |     |                          |    |                                     |
|---|-----|--------------------------|----|-------------------------------------|
| Documentation attached:                       | YES | <input type="checkbox"/> | NO | <input checked="" type="checkbox"/> |
| No impact on quality or reliability expected. |     |                          |    |                                     |

**Results Qualification Plan**

|                         |     |                          |    |                          |
|-------------------------|-----|--------------------------|----|--------------------------|
| Documentation attached: | YES | <input type="checkbox"/> | NO | <input type="checkbox"/> |
|-------------------------|-----|--------------------------|----|--------------------------|

## Product / Process Change Notification (PCN)

### Honeywell Juarez Optoelectronics

|          |           |                          |                    |                          |                |                                     |
|----------|-----------|--------------------------|--------------------|--------------------------|----------------|-------------------------------------|
| Samples: | Available | <input type="checkbox"/> | Will be available: | <input type="checkbox"/> | Not Applicable | <input checked="" type="checkbox"/> |
|----------|-----------|--------------------------|--------------------|--------------------------|----------------|-------------------------------------|

Sample availability date:

UL and ENEC certificates are being updated to document this alternate material. Testing is in process at UL and Dekra to qualify the material to UL 61058-1 and EN 61058-1. A previous PCN was sent out informing of a change from the markings for UL 1054 to UL 61058-1. Switches delivered with the alternate material will be required to use the UL61058-1 markings as shown in the table below. **In addition, it should be noted that the Ryton material is brown in color versus the current material color of black.**

| V7 Type | Current UL1054 marking  |  | New UL61058-1 marking + UKCA  |
|---------|---|--|---|
| V7-A    | 5A, 125-250-277Vac; 1/10hp, 250Vac<br>5A, 277Vac; 1/10hp, 250Vac              |  | 5A GP, 125-250-277Vac, 60Hz; 1/10hp, 250Vac 60Hz<br>  |
| V7-B    | 11A, 1/3hp, 125-250-277Vac;<br>0.5A, 125Vdc; 0.25A, 250Vdc; 4A, 125Vac "L"    |  | 11A GP, 1/3hp, 125-250-277Vac, 60Hz<br>0.5A, 125Vdc; 0.25A, 250Vdc; 4A, 125VL 60Hz<br>      |
| V7-C    | 15.1A, 1/2hp, 125-250-277 Vac;<br>0.5A, 125Vdc; 0.25A, 250Vdc; 5A, 125Vac "L" |  | 15.1A GP, 1/2hp, 125-250-277Vac, 60 Hz<br>0.5A, 125Vdc; 0.25A, 250Vdc, 5A, 125VL, 60 Hz<br> |
| V7-D    | 1A, 125Vdc  |  | 1A GP, 125Vac, 60 Hz<br>  |
| V7-E    | 10A, 1/3hp, 125-250-277Vac;<br>0.5A, 125Vdc; 0.25A, 250Vdc; 4A, 125Vac "L"    |  | 3A GP, 125-250-277Vac, 60Hz; 1/10hp, 250Vac 60Hz<br>  |
| V7-F    | 22A, 125-250-277Vac; 1hp, 125Vac; 2hp, 250Vac                                 |  | 3A GP, 125-250-277Vac, 60Hz; 1/10hp, 250Vac 60Hz<br>  |
| V7-K    | 22A, 125-250-277Vac; 1hp, 125Vac; 2hp, 250Vac                                 |  | 22A GP, 125-250-277Vac, 60 Hz; 1hp, 125Vac, 60 Hz,<br>2hp, 250-277Vac, 60 Hz<br>            |
| V7-S    | 0.1A, 125Vac  |  | 0.1A GP, 125Vac, 60Hz<br>   |
| V7-V    | 21A, 1hp, 125,250, 277Vac; 2hp 250, 277Vac                                    |  | 21A, 1hp, 125,250, 277Vac; 2hp 250, 277Vac<br>  |
| V7-W    | 15.1A 125,250, 277Vac   |  | 15.1A GP, 125-250-277Vac, 60Hz<br>  |
| V7-X    | 6A, 1/8hp, 125-250-277Vac   |  | 6 GP, 1/8hp, 125-250-277Vac, 60 Hz<br>  |
| V7-Z    | 25A, 277 VAC<br>1HP, 125 VAC<br>2HP, 250 VAC                                  |  | 25A, 277 VAC<br>1HP, 125 VAC<br>2HP, 250 VAC<br>  |

#### Customer Acknowledgement & Disposition (applicable for AUTHORIZATION PCN type only)

Honeywell requests that you acknowledge receipt of this change notification and provide your written authorization. Please sign and e-mail to [ana.rosales@honeywell.com](mailto:ana.rosales@honeywell.com) and contact listed above.

|                                   |                                     |
|-----------------------------------|-------------------------------------|
| Approved:                         | <input checked="" type="checkbox"/> |
| Rejected:                         | <input type="checkbox"/>            |
| Reject Reason:<br>(if applicable) |                                     |
| Disposition Date:                 | 19th April 2022                     |
| Company:                          | Premier Farnell                     |
| Name:                             | Keith Forbes                        |
| Title:                            | Product Segment Leader              |
| Business Phone:                   |                                     |
| Fax #                             |                                     |
| E-mail:                           | kforbes@farnell.com                 |

|                       |  |
|-----------------------|--|
| Location:             |  |
| Comments:<br>(if any) |  |

#### APPENDIX – Impacted Part numbers

|                  |                    |                    |                   |                    |
|------------------|--------------------|--------------------|-------------------|--------------------|
| V7-1Z19E9        | V7-3E14E7-000-1    | V7-1B17D8-207      | V7-1C17D8-263     | V7-1C33D8=INV1     |
| V7-4S37D8        | V7-7B17D8          | V7-1B17D8-207=NEW  | V7-1C17D8-263=NEW | V7-1C33E9          |
| V7-7B17D8-201    | V7-1A13D81-000-1   | V7-1B17D8-263      | V7-1C17D8-294     | V7-1C33E9-000-1    |
| V7-7B19D8-263    | V7-1A13E9-022      | V7-1B17D8-263=NEW  | V7-1C17D8-295     | V7-1C33E9-000-1=I1 |
| V7-1B17D8-022    | V7-1A13E9-731-1    | V7-1B17D8-263=SMC1 | V7-1C17D844       | V7-1C33E9C4-000-1  |
| V7-1B19D8-022    | V7-1A13E991-732-1  | V7-1B17D8=ECO      | V7-1C17D844-429   | V7-1C33E9C4-000-1= |
| V7-1C13D8-201    | V7-1A17D8          | V7-1B17D8=ECO3     | V7-1C17D8=NEW     | V7-1C37D8          |
| V7-1C17D8        | V7-1A17D8-000-1    | V7-1B17D8=MKI      | V7-1C17D8=RSE11   | V7-1C37D8-000-1    |
| V7-1C17D8-002    | V7-1A17D8-022      | V7-1B19D8-022=GE   | V7-1C17D8=TAY     | V7-1C37D8=BC       |
| V7-1C17D8-048    | V7-1A17D8-048      | V7-1B19D8-022=GE1  | V7-1C17E9         | V7-1C37E9-207      |
| V7-1C17D8-201    | V7-1A17D8-048=NEW  | V7-1B19D8-022=NEW  | V7-1C17E9-002     | V7-1C39D8-002      |
| V7-1C17P02-263   | V7-1A17D8-366      | V7-1B19D8-045      | V7-1C17E9-048-S   | V7-1C39E9          |
| V7-1C29E94-000-1 | V7-1A18D8-022      | V7-1B19D8-369      | V7-1C17E9-201     | V7-1C39E9=TEC      |
| V7-1H15D8-000-2  | V7-1A23D8          | V7-1B20D9C2-000-1  | V7-1C17E9-207     | V7-1C39E9=TEC2     |
| V7-1H15P02-000-2 | V7-1A23D8-022      | V7-1B20E9-022      | V7-1C17E9-207=NEW | V7-1D10D8          |
| V7-1K20E9        | V7-1A23D8-022=KNG1 | V7-1B23D8-294      | V7-1C17E9-207=SEC | V7-1D10D8=NEW      |
| V7-1S17D8-263    | V7-1A23D888-000-1  | V7-1B23D8-295      | V7-1C17E9-292     | V7-1D10E9-201      |
| V7-1S18D8-263    | V7-1A23D8=KNG1     | V7-1B23E9-295      | V7-1C17E996       | V7-1D19D8-201      |
| V7-1V19E9        | V7-1A23D8=WHR2     | V7-1B27D8-048      | V7-1C17E9=MPL     | V7-1D37D8-263      |
| V7-1V19E9-207    | V7-1A23E9-022-2    | V7-1B27D8-048=CES  | V7-1C17E9=NEW     | V7-1E10D8          |
| V7-1V19E9-269    | V7-1A23E9-032-1    | V7-1B27D8-263      | V7-1C17E9=TEC     | V7-1E10D8=NEW      |
| V7-1Z20E9        | V7-1A23E9-148-1    | V7-1B29D8-000-2    | V7-1C17E9=TEC5    | V7-1E15D8-022-1    |
| V7-1Z29E9        | V7-1A23E9-172      | V7-1B29D8-000-2=W3 | V7-1C18D8         | V7-1E15D8-022-1=TO |
| V7-2B17D8        | V7-1A23E9-172=WHR  | V7-1B29P07-000-1   | V7-1C18E9         | V7-1E17D8-366      |
| V7-2B17D8-022    | V7-1A23E9-438-1    | V7-1B29P07-000-1=W | V7-1C18E9-022     | V7-1E17P02         |
| V7-2B17D8-201    | V7-1A23E9-438-2    | V7-1B29P07-022     | V7-1C19E9-000-1   | V7-1E29D8-000-1    |
| V7-2B17D8-207    | V7-1A23E9F1-000-1  | V7-1B37D8          | V7-1C23D8-294     | V7-1E29D8-000-2    |
| V7-2E17E9-420    | V7-1A27D8-207      | V7-1B37D8-000-1    | V7-1C23E9-022     | V7-1E29D8-022-1    |
| V7-2S17D8-201    | V7-1A27D8-212      | V7-1B37D8-263      | V7-1C27D8-000-1   | V7-1E29D8-022-1=AC |
| V7-3A17D8-263    | V7-1A27D8-636      | V7-1B37D874-022    | V7-1C27D8-048-1   | V7-1E39D8-000-1    |
| V7-3E17E9        | V7-1A28D8          | V7-1C13E9          | V7-1C27D94        | V7-1E39D8-000-2    |
| V7-3S17D8-048    | V7-1A28D8-000-1    | V7-1C13E9-000-1    | V7-1C27E9         | V7-1E39D8-000-2=AC |
| V7-3S17E9-022    | V7-1A28D882        | V7-1C13E9-000-1=I2 | V7-1C27E9-263     | V7-1F37D8-000-1    |
| V7-4A17D8        | V7-1A29D8-000-1    | V7-1C17D8-000-3    | V7-1C27E9-292     | V7-1F37D8-002-1    |

## Product / Process Change Notification (PCN)

### Honeywell Juarez Optoelectronics

|                    |                    |                    |                    |                    |
|--------------------|--------------------|--------------------|--------------------|--------------------|
| V7-5F27D8          | V7-1A33D8F2-000-1  | V7-1C17D8-002=NEW  | V7-1C27E9=NEW      | V7-1F37D8-271-1    |
| V7-6B19D8          | V7-1A37D8-000-3    | V7-1C17D8-002=TAY  | V7-1C27E9=TEC      | V7-1H15D8-000-4    |
| V7-6B19D8-672      | V7-1A38E9-201-2    | V7-1C17D8-015-1    | V7-1C27E9=TEC2     | V7-1H15D8-000-5    |
| V7-6B19E9-022      | V7-1B10E9          | V7-1C17D8-015-1=AR | V7-1C28E9          | V7-1H15P02-000-3   |
| V7-6B39D8-348-1    | V7-1B17D8          | V7-1C17D8-022      | V7-1C28E9-022      | V7-1H25P02         |
| V7-6C17D8-000-2    | V7-1B17D8-022=NEW  | V7-1C17D8-022=NEW  | V7-1C29D7          | V7-1H26E9-201-1    |
| V7-6C17D8-263      | V7-1B17D8-022=TAY  | V7-1C17D8-048=NEW  | V7-1C29D8          | V7-1H35D8-000-3    |
| V7-6C17D8-439      | V7-1B17D8-048      | V7-1C17D8-201=CE   | V7-1C29E7          | V7-1H35E9-000-2    |
| V7-1A17P02         | V7-1B17D8-048-S    | V7-1C17D8-201=CE2  | V7-1C29E8-000-1    | V7-1H35P02-000-1   |
| V7-1A17D8-057      | V7-1B17D8-048-S=N1 | V7-1C17D8-201=NEW  | V7-1C29E9-000-1    | V7-1J30E9          |
| V7-7B19E9          | V7-1B17D8-048-S=NC | V7-1C17D8-201=RM   | V7-1C29E9-000-1=EM | V7-1K10E9-022      |
| V7-1B10E9-207      | V7-1B17D8-048=BN   | V7-1C17D8-201=TAY  | V7-1C29E9-000-1=W3 | V7-1K13E9          |
| V7-1B19E9          | V7-1B17D8-048=BN1  | V7-1C17D8-207      | V7-1C29E9-000-1=WH | V7-1K29E9          |
| V7-1C27D855-002    | V7-1B17D8-048=NEW  | V7-1C17D8-207=CE   | V7-1C29E94-000-1=W | V7-1K29E9-000-1    |
| V7-1C37D855-002    | V7-1B17D8-122      | V7-1C17D8-207=CE3  | V7-1C33D8          | V7-1K29E9-000-2    |
| V7-5F17D8-336      | V7-1B17D8-122-1    | V7-1C17D8-207=NEW  | V7-1C33D855-002    | V7-1K29E9-000-2=W1 |
| V7-1K29E9-000-2=WH | V7-1S17D8-201=TAY  | V7-1S38E9-201-1    | V7-1V19E9-278      | V7-1V29E9=TEC5     |
| V7-1K29E9-022-1    | V7-1S17D8-207      | V7-1V10E9-000-1    | V7-1V19E9-284      | V7-1V39E9          |
| V7-1K29E9=ACP      | V7-1S17D8-207=TAY  | V7-1V10E9-000-2    | V7-1V19E994-403    | V7-1V39E9-000-1    |
| V7-1K30D9-000-1    | V7-1S17D8-263=NEW  | V7-1V10E9-002-1    | V7-1V19E9=TEC4     |                    |
| V7-1S10D8          | V7-1S17D8-374      | V7-1V10E9-207      | V7-1V20E9-000-1    |                    |
| V7-1S10E9-022      | V7-1S17D8=AWTP     | V7-1V19E9-000-3    | V7-1V20E94         |                    |
| V7-1S13D8          | V7-1S17D8=DBD7     | V7-1V19E9-000-4    | V7-1V29D94         |                    |
| V7-1S17D8          | V7-1S19D8-369      | V7-1V19E9-000-4=TY | V7-1V29E9          |                    |
| V7-1S17D8-022      | V7-1S19D8-369=AWTP | V7-1V19E9-048      | V7-1V29E9-263      |                    |
| V7-1S17D8-201      | V7-1S37D8-263      | V7-1V19E9-048=NEW  | V7-1V29E9=TEC      |                    |