

Product / Process Change Notification (PCN)
Honeywell Juarez Optoelectronica

PCN #	466	Notification Date:	3/29/2022
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Title:	Alternate Resin for V Basic Switch Covers and Cases
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PCN type:	Notification only <input type="checkbox"/>	Authorization <input checked="" type="checkbox"/>
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Honeywell Contact

Name:	Artemio Lara	Title:	Sr Quality Engineer
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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"/>
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Samples:	Available	<input type="checkbox"/>	Will be available:	<input type="checkbox"/>	Not Applicable	<input checked="" type="checkbox"/>
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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 5A, 277Vac; 1/10hp, 250Vac		5A GP, 125-250-277Vac, 60Hz; 1/10hp, 250Vac 60Hz	
V7-B	11A, 1/3hp, 125-250-277Vac; 0.5A, 125Vdc; 0.25A, 250Vdc; 4A, 125Vac "L"		11A GP, 1/3hp, 125-250-277Vac, 60Hz 0.5A, 125Vdc; 0.25A, 250Vdc; 4A, 125VL 60Hz	
V7-C	15.1A, 1/2hp, 125-250-277 Vac; 0.5A, 125Vdc; 0.25A, 250Vdc; 5A, 125Vac "L"		15.1A GP, 1/2hp, 125-250-277Vac, 60 Hz 0.5A, 125Vdc; 0.25A, 250Vdc, 5A, 125VL, 60 Hz	
V7-D	1A, 125Vdc		1A GP, 125Vac, 60 Hz	
V7-E	10A, 1/3hp, 125-250-277Vac; 0.5A, 125Vdc; 0.25A, 250Vdc; 4A, 125Vac "L"		3A GP, 125-250-277Vac, 60Hz; 1/10hp, 250Vac 60Hz	
V7-F	22A, 125-250-277Vac; 1hp, 125Vac; 2hp, 250Vac		3A GP, 125-250-277Vac, 60Hz; 1/10hp, 250Vac 60Hz	
V7-K	22A, 125-250-277Vac; 1hp, 125Vac; 2hp, 250Vac		22A GP, 125-250-277Vac, 60 Hz; 1hp, 125Vac, 60 Hz, 2hp, 250-277Vac, 60 Hz	
V7-S	0.1A, 125Vac		0.1A GP, 125Vac, 60Hz	
V7-V	21A, 1hp, 125,250, 277Vac; 2hp 250, 277Vac		21A, 1hp, 125,250, 277Vac; 2hp 250, 277Vac	
V7-W	15.1A 125,250, 277Vac		15.1A GP, 125-250-277Vac, 60Hz	
V7-X	6A, 1/8hp, 125-250-277Vac		6 GP, 1/8hp, 125-250-277Vac, 60 Hz	
V7-Z	25A, 277 VAC 1HP, 125 VAC 2HP, 250 VAC		25A, 277 VAC 1HP, 125 VAC 2HP, 250 VAC	

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 and contact listed above.

Approved:	<input type="checkbox"/>
Rejected:	<input type="checkbox"/>
Reject Reason: (if applicable)	
Disposition Date:	
Company:	
Name:	
Title:	
Business Phone:	
Fax #	
E-mail:	

Location:	
Comments: (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

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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	