

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

PCN #	0318	Notification Date:	10/11/2021
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Title:	Alternative Resin Color – From brown to black
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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:	10/11/2021
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**Product Identification**

Affected Part # (s)	Read appendix below
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Revision # (s)	Read appendix below
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Does this change result in product number change?	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
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**Reason for Change: (check all that apply)**

Material	<input 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: change on color, only.	<input checked="" type="checkbox"/>

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

Documentation attached:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
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Use different resin color due to shortage of current one.  
Both resins are PLENCO 04548 with no changes in composition or functionality.

- Current: Brown 14F (0954601H)
- Proposed: Black 14F (0954703)

Material Engineering Laboratory Data Report from manufacturer PLENCO states the following:  
*PLENCO 04548 is a heat resistant mineral filled phenolic molding compound, offering fast cure rates and hot rigidity. UL recognized under component file E40654. 04548 is available in black and brown.*

**Justification for change**

Documentation attached:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
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Due to global material shortages, Honeywell suppliers are not able to fulfill current orders of raw material. To avoid the risk of a stopped production, the use of an alternative resin is requested.  
This change does not affect fit, form, or function.



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

Documentation attached:

YES



NO



Following evaluations performed on samples built with alternative color:

1. Dimensional Results – Passed results.
2. Functional Test - Passed results.
3. Visual Inspections – Passed results.
4. X ray inspections – Passed results.

Results to be submitted upon approval.

**Identification method to distinguish change**

Date code: to be defined

**Results Qualification Plan**

Documentation attached:

YES



NO



Samples:

Available

Will be  
available:

Not Applicable



Sample availability date: n/a

Samples ready upon customer request

**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:



Rejected:

Reject Reason:  
(if applicable)

Disposition Date:

Company:

Name:

Title:

Business Phone:

Fax #

E-mail:

Location:

Comments:  
(if any)

For PCN's of type notification only, the factory will start shipping product as soon as the PCN is sent out to customers.

APPENDIX

Part Number	Rev
12SX3-H58	4
311SM706-T	9