

Product / Process Change Notification (PCN)
Honeywell Juarez Optoelectronica

PCN #	0319	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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Business Phone:	+52(656)-697593 ext 7523	Fax #	n/a
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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	<input checked="" type="checkbox"/>		NO	<input type="checkbox"/>	
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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	<input type="checkbox"/>		NO	<input checked="" type="checkbox"/>	
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Samples:	Available	<input type="checkbox"/>	Will be available:	<input checked="" type="checkbox"/>	Not Applicable	<input type="checkbox"/>
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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 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
111SM1-T	10
11SM144	9
11SM1-H2	9
11SM1-T	12
11SX21-T	11
11SX47-H58	4
12SX3-H58	4
1SM23	10
1SX48-T	8
21SM284	4
311SM2-H58=NEW	8
311SM3-T	6
311SM6	5
311SM6-H58	8
311SM6-T	7
311SX3-T	13
311SX5-T	12
411SM1	8