

Product / Process Change Notification (PCN)
Honeywell Juarez Optoelectronica

PCN #	359	Notification Date:	11/24/2021
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Title:	Same manufacturer, Alternate Material)		
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PCN type:	Notification only <input type="checkbox"/>	Authorization <input checked="" type="checkbox"/>
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Honeywell Contact

Name:	Jorge Dzul	Title:	Sr. Quality Engineer
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E-mail:	Jorge.dzul@honeywell.com	Date initiated:	11/24/2021

Product Identification

Affected Part #(s)	See table below		
Revision # (s)	N/A		
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: supply chain shortages	<input checked="" type="checkbox"/>

Change Description (include detailed process steps as applicable)

Documentation attached:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Raw material (Resin) used to manufacture the component is short, due to continue with the manufacture of the part (bushing) an alternate raw material was suggested, both specs were compared, are very similar the properties, the specification stated in the drawing is met by the alternate raw material. No form, fit, or function is affected.		

Justification for change

Documentation attached:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Due to a shortage from supplier an alternate material (resin) was suggested to use to manufacture the component (bushing) the specification stated in the drawing is met by the alternate raw material. No form, fit, or function is affected.		

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

Documentation attached:	YES <input type="checkbox"/>	NO <input checked="" type="checkbox"/>
Table comparison of the raw materials.		



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	Original raw material	Alternate Raw Material
	A3X2G5 BK23187	Radiflam A RV250 HF 333 BK
Density	1.34 g/cm ³	1.37 g/cm ³
Tensile Stress at Break	135 MPa	135 MPa
Tensile Strain at Break	3%	2.80%
Flexure Modulus	6900 MPa	8500 MPa
Charpy Notched Impact	8 kJ/m ²	9 kJ/m ²
Melting Temperature	260 °C	260 °C
Flammability Rating	UL94	UL94

Identification method to distinguish change

Date code 2151 (yyweek)

Models affected.

BFL1-AW1
 BFL1-AW1-RH01
 BFL1-AW2
 BFL1-AW2-BP
 BFL1-AW4-D
 BFL1-BP1
 BFL1-BW1
 BFL1-BW3
 BFL1-BW4
 BFL2-AW1-PRE
 BFL2-AW1-PRE1
 BFR1-BW1
 BFR1-BW4

Results Qualification Plan

Documentation attached:		YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	
Samples:	Available	<input type="checkbox"/>	Will be available:	<input type="checkbox"/>	Not Applicable	<input checked="" type="checkbox"/>
Sample availability date:		N/A				

No apply.

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

Honeywell requests that you acknowledge receipt of this change notification. Please sign and e-mail to ana.rosales@honeywell.com and contact listed above.

Approved:



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

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