

Product / Process Change Notification (PCN)

Honeywell Juarez Optoelectronica

PCN #	359	Notification Date:	11/24/2021
Title:	Same manufacturer, Alternate Material)		
PCN type:	Notification only ☐	Authorization	☒
Honeywell Contact			
Name:	Jorge Dzul	Title:	Sr. Quality Engineer
Business Phone:	+526566497658	Fax #	N/A
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 ☐	NO	☒
Reason for Change: (check all that apply)			
Material	☒	Processing / Manufacturing	☐
Design / Firmware / Software	☐	Datasheet	☐
Logistics	☐	Functional	☐
Appearance	☐	Dimensional	☐
Quality / Reliability	☐	Other: supply chain shortages	☒
Change Description (include detailed process steps as applicable)			
Documentation attached:	YES ☐	NO	☒
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 ☐	NO	☒
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 ☐	NO	☒
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	☐	NO	☒
Samples:	Available	☐	Will be available:	☐	Not Applicable		☒
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:	☐
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.