

Light is OSRAM

01.12.2016

Dear Customer,

please find attached our OSRAM OS PCN:

## **OS-PCN-2016-026-A**

### **Harmonization of tube stopper position and change of tube material**

Important information for your attention:

Please respond to this PCN by indicating your decision on the approval form, sign it and return to your sales partner before **07.01.2017**.

OSRAM OS aligns with the widely-recognized JEDEC STANDARD "JESD46-B", which stipulates: "Lack of acknowledgement of the PCN within 30 days constitutes acceptance of the change".

Your prompt reply will help OSRAM OS to assure a smooth and well executed transition. If OSRAM OS does not hear from your side by the due date, we will assume your full acceptance to this proposed change and its implementation.

Your prompt reply will help OSRAM OS to assure a smooth and well executed transition. If OSRAM OS does not hear from your side by the due date, we will assume your (if you are a Distributor: and your customer's) full acceptance to this proposed change and its implementation.

Your attention and response to this matter is highly appreciated.

**Please direct your inquiry to your local Sales office.**

## OS-PCN-2016-026-A

# Harmonization of tube stopper position and change of tube material

<b>Subject of change:</b>	Harmonization of tube stopper position and change of tube material	
<b>Affected products</b>	<p>Filter housing product types: BPW34F BPW34FA BP104F</p> <p>Clear housing product types: BPW34 BPW34B</p>	
<b>Reason for change:</b>	<ol style="list-style-type: none"> <li>1) For products with clear housing only: Harmonization of stopper position in tube allows usage of only one tube type for both clear and filter housing product types.</li> <li>2) Harmonization of tube raw material to PS in order to avoid PVC</li> <li>3) Harmonization of ESD label on tube</li> </ol>	
<b>Description of change</b>	<p><u>Current status</u></p> <ol style="list-style-type: none"> <li>1) Distance between stopper Clear housing type: typ. 200mm Filter housing type: typ. 202mm</li> <li>2) Tube material: PVC</li> <li>3) No ESD label on tube for clear housing type</li> </ol>	<p><u>New status</u></p> <ol style="list-style-type: none"> <li>1) Distance between stopper Clear housing type: typ. 202mm Filter housing type: typ. 202mm</li> <li>2) Tube material: PS</li> <li>3) Introduction of ESD label on tube for clear housing type</li> </ol>
<b>Product identification:</b>	Date Code	
<b>Time schedule:</b>	Material analysis report	available on request
	Samples available	available on request (delivery time ~2 weeks)
	Production release	15.02.2017

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Start of delivery	01.03.2017 <sup>*)</sup> <small>*) or earlier if released by customer</small>
Last time order date	15.02.2017 <sup>**)</sup> <small>**) last date for ordering products of current status</small>

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**Assessment:**

No change in product data sheet  
New packing material is already in use for tubes of other detector products  
Surface resistivity is still in the range of  $10^6 \dots 10^{11}$  Ohm/sq  
which allows further usage for packing of ESD sensitive devices

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**Documentation:**

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## Customer approval form

OS-PCN-2016-026-A

Harmonization of Tube stopper position and change of tube material

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Please list product(s) affected in your application(s):

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Please check the appropriate box below:

**Agreement:** We agree with the proposed change and accept start of the shipment upon availability of the new version.

**Objections:** We have objections:

**Information requested:** We need the following information:

**Samples requested:** We need the following samples:

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**Sender**

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**Company:**

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**Address / Location:**

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**Signature:**

**Date:**

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Opto Semiconductors

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## *Products Affected by Product Change Notification*

**Number:** OS-PCN-2016-026-A

**Name:** Harmonization of tube stopper position and change of tube material

**Release Date:** 12/1/2016

**Response Due Date:** 1/7/2016

**Implementation Date:** 2/15/2017

<i>Product</i>	<i>QNumber</i>	<i>QNumber Description</i>	<i>Part Number</i>
BP 104 F	Q62702P0084	BP 104 F	BP 104 F
BPW 34	Q62702P0073	BPW 34	BPW 34
	Q65110A1208	BPW 34-Z	BPW 34-Z
	Q65111A5274	BPW 34-XX	BPW 34-XX
BPW 34 B	Q62702P0945	BPW 34 B	BPW 34 B
BPW 34 F	Q62702P0929	BPW 34 F	BPW 34 F
BPW 34 FA	Q62702P1129	BPW 34 FA	BPW 34 FA

**QUALITY**  
**FIRST**

**OS-PCN-2016-026-A**

**Harmonization of tube stopper position and  
change of tube material**

OS QM CQM PS | 01.12.2016

**Light is OSRAM**

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# OS-PCN-2016-026-A

## Overview



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## Harmonization of tube stopper position and change of tube material

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### Reason for change:

#### 1) For products with clear housing only:

Harmonization of stopper position in tube allows usage of only one tube type for both clear and filter housing product types.

#### 2) Harmonization of tube raw material to PS in order to avoid PVC

#### 3) Harmonization of ESD label on tube




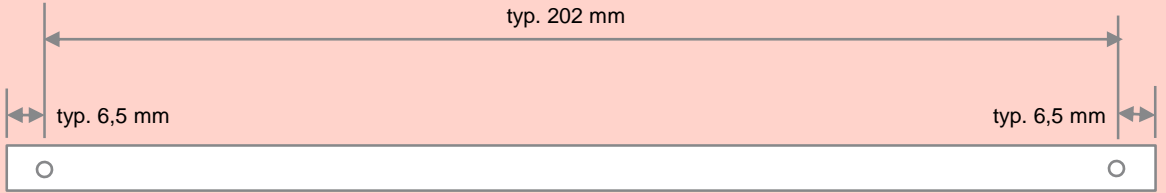

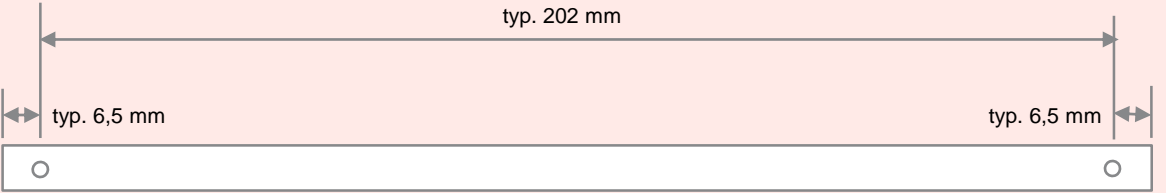
## Harmonization of tube stopper position and change of tube material

### Description of change (1/3):

Current status	New status
<p>1) Distance between stopper:</p> <p>Clear housing type: typ. 200mm</p> <p>Filter housing type: typ. 202mm</p>	<p>1) Distance between stopper:</p> <p>Clear housing type: typ. 202mm</p> <p>Filter housing type: typ. 202mm (no change)</p>
<p>2) Tube material: PVC</p>	<p>2) Tube material: PS</p>
<p>3) Clear housing type only: No ESD label on tube</p>	<p>3) Clear housing type only: Introduction of ESD label on tube</p>

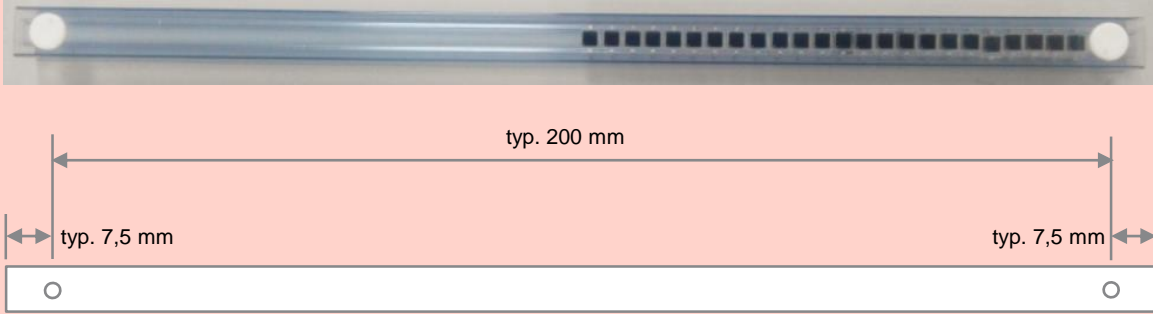
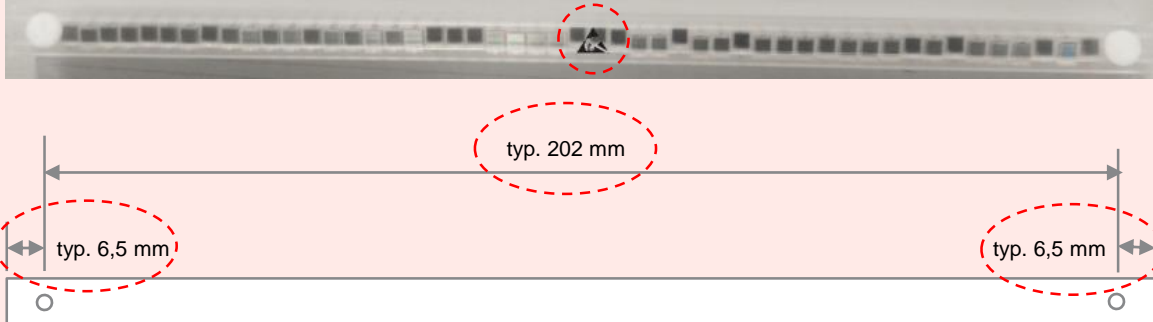
## Harmonization of tube stopper position and change of tube material

### Description of change (2/3):

Filter types	Change of raw material from PVC to PS
Current status	 <p>typ. 202 mm</p> <p>typ. 6,5 mm</p> <p>typ. 6,5 mm</p> 
New Status	 <p>typ. 202 mm</p> <p>typ. 6,5 mm</p> <p>typ. 6,5 mm</p> 

## Harmonization of tube stopper position and change of tube material

### Description of change (3/3):

Clear types	Change of raw material from PVC to PS + Change of dimensions and Introduction of ESD label
Current status	 <p>typ. 200 mm</p> <p>typ. 7,5 mm</p> <p>typ. 7,5 mm</p>
New Status	 <p>typ. 202 mm</p> <p>typ. 6,5 mm</p> <p>typ. 6,5 mm</p>

### Time schedule

- Material analysis report available on request
- Samples available on request (delivery time ~2 weeks)
- Production release 15.02.2017
- Start of delivery 01.03.2017 \*)  
\*) or earlier if released by customer
- Last time order date 15.02.2017\*\*)  
\*\*) last date for ordering products of current status

**QUALITY**  
**FIRST**

**Thank you.**