

PCN: V19-005-F48070-MA

Product Change Notice

Issue Date: 7 June 2019

Change Type:

Implementation of new Software version for AFBR-S50MV85G, new lens colour, new pin design and implementation of second assembly location

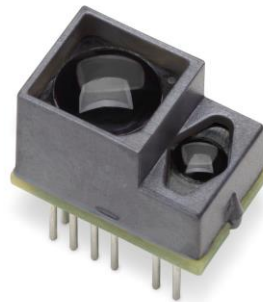
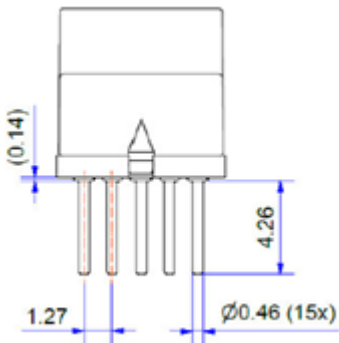
Parts Affected:

AFBR-S50MV85G
AFBR-S50MV85G-EK

Description and Extent of Change:

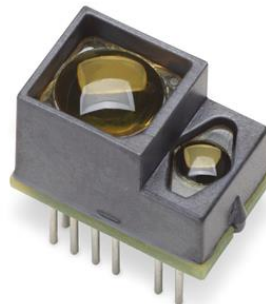
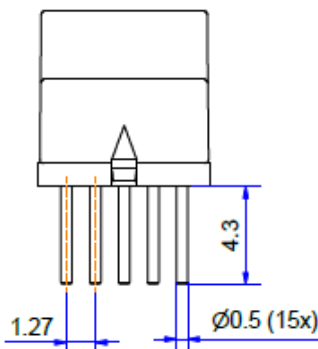
Current situation:

- Software version 0.9.5
- Lens colour black
- Pin diameter 0,46mm with 0,14mm flange
- Product assembly in Europe



Change:

- Software version 1.0
- Lens colour transparent
- Pin diameter 0.50mm without flange
- Product assembly in Europe and Asia



Reasons for Change:

- Improved device functionality, improved ambient light suppression, improved temperature stability, improved voltage robustness and allow higher APD gains
- Improved mechanical stability
- Ensure production capacity with increasing customer demand

Effect of Change on Fit, Form, Function, Quality, or Reliability:

The device will be drop in compatible together with the new software. The device functionality will be improved as described above. There is no change in quality or reliability. A product qualification will be performed to ensure continued quality of the product.

Effective Date of Change:

Product shipments which may contain changed material may begin on or after the **16th Sep 2019, (WW1938)**, but the initiation of the change may be spread over approximately 6 months. Timing of shipment of the changed part is depending on qualification completion, customer demand and inventory levels.

Qualification Data:

Qualification samples are available.

These changes have been reviewed and approved by Broadcom engineers and managers per Broadcom procedure: Change Control and Customer Notification, 5962-6052-80.

Please contact your Broadcom field sales for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.