

PCN: V20-001-F48070-MA

Product Change Notice

Issue Date: 5 February 2020

Change Type:

Qualify a new Integrated Port & Lens for following Fast Ethernet Devices.

Parts Affected:

HFBR-5961AGZ	HFBR-5963LZ
HFBR-5961ALZ	HFBR-5984LZ
HFBR-5961GZ	QFBR-5969ALZ
HFBR-5961LZ	HFBR-5963ALZ-SI1
HFBR-5963ALZ	

Description and Extent of Change:

Current situation:

- OSA (Optical Sub Assembly) with 3 pcs lens system, Flat TO window can, plastic lens and port
- Kovar base eyelet headers with 0.1um Au plating

Change:

- Integrate the port and lens into a single part. No change in port and lens material.
- SPCC base eyelet headers with 0.05umAu plating

Reasons for Change:

- Streamline current process by eliminating the ultrasonic welding and TO can welding.
- Optimized gold Plating from 0.1um to 0.05um
- ~30% reduction on Transmitter power dissipation

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

The device specification will remain the same. Additionally, Transmitter power dissipation reduced 30%. No change on Fit, Form, Function, Quality or Reliability. Reliability 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 **11 May 2020, (WW2020)**, but the initiation of the change may be spread over approximately 6 months. Timing of shipment of the changed part will vary by part number 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.