

Product Advisory

**Issue Date: June 15, 2020
(Updated September 8, 2020)**

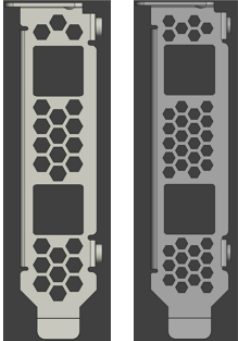
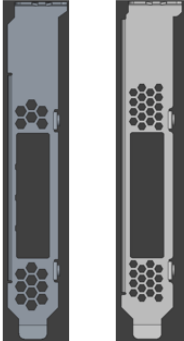
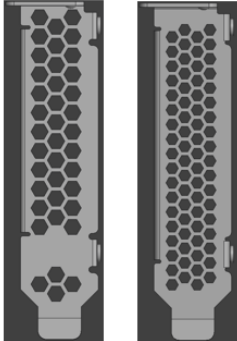
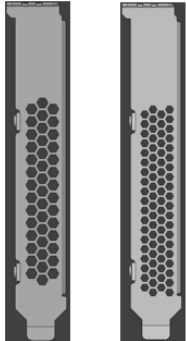
Advisory Type:
Regulation Update

Description:

With the exception of the 95xx series, current shipping Broadcom DCSG adapters are certified to the older UL 60950 regulation for safety. UL Safety is transitioning to IEC 62368, which means all products have to conform to these new guidelines. The deadline to confirm to IEC 62368 is December 20, 2020. Products shipped after December 20, 2020 must meet IEC 62368 requirements. The 95xx series adapters and any newer adapters are already compliant to IEC 62368.

IEC 62368 is a system level requirement, and the adapters need to align with IEC 62368 requirements to enable overall system compliance. To meet the IEC 62368 system requirements, adapter bracket holes are being modified to be 3 mm or less in diameter.

The following pictures show examples of current brackets (left) and the updated brackets (right) that are IEC 62368 compliant. These are typical examples of each bracket for illustrative purposes, and the actual brackets on a given card may vary slightly in design or hole placement. In each column, the bracket on the left is the older design and bracket on the right is the updated design with holes less than 3 mm.

			
Low Profile External	Full Height External	Low Profile Internal	Full Height Internal

Parts Affected:

The table indicates the boards requiring an updated bracket. The BOMs will be updated to remove the non-compliant brackets and new brackets added. Each part number's minor revision will be incremented to indicate the BOM has been updated to include the new bracket.

Part Numbers	Description	Part Numbers	Description
03-50071-XXabc 05-50071-XXabc	9306-24i	03-25694-XXabc 05-25694-XXabc	9341-8i
03-50051-XXabc 05-50051-XXabc	P810-4P	03-25679-XXabc 05-25679-XXabc	9300-8i
03-50049-XXabc 05-50049-XXabc	9460-16i	03-25660-XXabc 05-25660-XXabc	9300-8e
03-50047-XXabc 05-50047-XXabc	9405W-16i	03-25656-XXabc 05-25656-XXabc	9300-8e
03-50044-XXabc 05-50044-XXabc	9405W-16e	03-25649-XXabc 05-25649-XXabc	9300-16e
03-50043-XXabc 05-50043-XXabc	P311W-8P	03-25648-XXabc 05-25648-XXabc	9300-8e
03-50031-XXabc 05-50031-XXabc	9480-8e	03-25637-XXabc 05-25637-XXabc	9300-8e
03-50028-XXabc 05-50028-XXabc	9365-28i	03-25609-XXabc 05-25609-XXabc	9311-8i
03-50022-XXabc 05-50022-XXabc	9361-24i	03-25600-XXabc 05-25600-XXabc	9300-16i
03-50013-XXabc 05-50013-XXabc	9400-8e	03-25596-XXabc 05-25596-XXabc	9362-8i
03-50011-XXabc 05-50011-XXabc	9460-16i	H3-25581-XXabc H5-25581-XXabc	DEF 8e
03-50008-XXabc 05-50008-XXabc	9440-8i	H3-25580-XXabc H5-25580-XXabc	DEF 4i4e
03-50007-XXabc 05-50007-XXabc	P310W-4P	H3-25573-XXabc H5-25573-XXabc	9300-8i
03-26107-XXabc 05-26107-XXabc	9341-8i	03-25528-XXabc 05-25528-XXabc	9380-8e
03-26106-XXabc 05-26106-XXabc	9341-8i	H3-25520-XXabc H5-25520-XXabc	9300-16e
03-26105-XXabc 05-26105-XXabc	9341-4i	H3-25515-XXabc H5-25515-XXabc	9300-4i4e
03-25721-XXabc 05-25721-XXabc	9300-8i	H3-25503-XXabc H5-25503-XXabc	9364-8i



03-25716-XXabc 05-25716-XXabc	9380-8i8	H3-25499-XXabc H5-25499-XXabc	9340-8i
03-25711-XXabc 05-25711-XXabc	9305-16e	H3-25480-XXabc H5-25480-XXabc	9302-8li
03-25708-XXabc 05-25708-XXabc	9361-16i	H3-25473-XXabc H5-25473-XXabc	9300-4i
03-25704-XXabc 05-25704-XXabc	9305-16e	H3-25461-XXabc H5-25461-XXabc	9311-8i
03-25703-XXabc 05-25703-XXabc	9305-16i	H3-25460-XXabc H5-25460-XXabc	9300-8e
03-25702-XXabc 05-25702-XXabc	9300-8e	03-25420-XXabc 05-25420-XXabc	9361-8i
03-25699-XXabc 05-25699-XXabc	9305-24i	03-25190-XXabc 05-25190-XXabc	9380-4i4e

The model number is the middle five digits of the part number and is the same for all adapter SKUs in that family.

- 03: indicates bulk level packaging
- 05: indicates kit level packaging
- XX indicates different SKUs of the same family
- abc indicates the minor revision level of the adapter

RMA Procedure

For returned adapters in warranty that are defective, standard policy is to repair or replace the adapter updated to the most recent version of the BOM. This will include the updated brackets. This will be provided as part of the warranty service.

For returned adapters that are found to not be defective (NTF or No Trouble Found), these are usually returned as-is back to the customer. However, if the bracket is not compliant, the board will be updated for a fee of \$100 billed back to the customer, unless customer explicitly informs Broadcom in writing not to update bracket and send back NTF units to customer with non-compliant brackets.

Effect of Change:

The BOMs for each part number will be updated to remove the current brackets and add the new brackets. This will result in a minor revision change to the part number.

Effective Date of Change:

Each accounts segment marketing lead will work with customers to update BOMs.

The changes to these Broadcom parts have been reviewed and approved by Broadcom engineers and managers per Broadcom procedure: Change Control and Customer Notification A-5962-6052-80.

Please contact your Broadcom Inc. field sales engineer or Contact Center (<http://www.broadcom.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.