

ECN # 410

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**ENGINEERING CHANGE NOTE:**

mfx3

ECN #:

410

ASSEMBLY: BMW4041D**DESCRIPTION:** MW4-QDC Quad Digital Channel Card**New Assembly:****DATE:** 20/02/01**Current Assy Rev:** 1H or Lower**Current Schematic Rev:****New Assy Rev:** UNCHANGED**New Schematic Rev:**

☐ CMS BOMs Updated ☐ Excel BOMs Updated ☐ Subcontractor Records Updated **Compatibility Maintained:** Yes

IMPLEMENTATION INFORMATION:

- ☐ Safety Issue ☐ UL Compliance Issue ☐ New Feature ☐ Cost Reduction
☐ Bug Fix ☐ EMC Compliance Issue ☐ Quality Issue
☒ Reliability Reasons ☐ Software Change ☐ Cosmetic Change

REASON FOR CHANGE:

High distortion on either channel 1 or 16 on some units caused by the mounting fasteners of connectors P1 or P3 shorting the PCB tracks.

DETAILS OF CHANGE:

1. Use two M3 Fibre Washers (FL Part No. FWC0672) between the heads of two mounting screws of connector P1 on DSP side (opposite connector body) in order to insulate the PCB tracks from screw head.
2. Use two M3 Nylon Washers (FL Part No. FWC4630) between the connector body of P3 and the PCB in order to insulate the PCB tracks from the connector.

NOTE: NO NEED for updating the revision level of the board.

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NOTE TO PRODUCTION: Modify all QDC Boards in Stock and in WIP if the insulation washers are not fitted.

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NOTE TO FIELD SERVICE: Modify all QDC Boards as they return for service if the insulating washers are not fitted.

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HW or Project Engineer.....

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R&D or Project Manager.....