

ECN # 387

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**ENGINEERING CHANGE NOTE:**

mfx3

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**ASSEMBLY:** BMW4021D**DESCRIPTION:** MW4-PS1 Power Supply PCB**New Assembly:****DATE:** 12/09/00**Current Assy Rev:** G**Current Schematic Rev:****New Assy Rev:** H**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:**

Rectify EMC non-compliance issues.

**DETAILS OF CHANGE:**

1. Remove the following components;  
C509 & C510 (CRR2470 - CAP Polyester film metallized, 2n2)  
C12 (CSR4197 - Cap Suppression, 220nF, Class X2)  
C12 & C506 (CSR4197 - Cap Suppression, 220nF, Class X2)
2. Ensure C4 & C5 with the following;  
CCR2470 - CAP Ceramic Class Y, 2n2, >= 250Vac
3. Replace C12 with the following;  
CSR9900 - Cap Suppression, 470nF, Class X2
4. Replace C506 with the following;  
CsR5804 - Cap Suppression, 1uF, Class X2
5. Update documentation and remark assembly revision number to Rev H to reflect the change of assembly revision.