ECN#

423

Page 1 of 1

## twirlight 1

## **ENGINEERING CHANGE NOTE:**



ECN#:

ASSEMBLY: BN	MW4101	DESCRIPTION:	MW4-SIO1 Sync I/O 1 Card
New Assembly: BM	MW4101C-C (or higher)	DATE:	08/08/01
Current Assy Rev: C	or C1	Current Schematic Rev:	
New Assy Rev: D		New Schematic Rev:	
CMS BOMs Updated	C Excel BOMs Updated C	Subcontractor Records Upda	ted Compatibility Maintained: Yes
IMPLEMENTATION INFORMATION:			
O Safety Issue	<b>UL Compliance Issue</b>	O New Feature	○ Cost Reduction
O Bug Fix	<b>EMC Compliance Issue</b>	Ouality Issue	
• Reliability Reasons	O Software Change	O Cosmetic Change	
Improve reliability by increasing voltage rating of C25 which, if underrated, may cause video sync signal malfunction.  DETAILS OF CHANGE:  1. Replace 47 uF capacitor C25 (currently specified as 10V) with a 47 uF capacitor CTD6911 whose voltage rating is 20V.  2. Re-label the Board revision so that the full label reads: BMW4101C-D  NOTE TO SUBCONTRACORS: Implement this ECN to all work in progress.  NOTE TO PRODUCTION: Implement this ECN to all stock and work in progress.  NOTE TO FIELD SERVICE: If video sync problem is evident the probable cause is the failure of R123 caused by the underrated C25. Then implement this ECN.			