


REV	APPLICATION			REVISIONS		
	PRODUCT LINE	REV	DESCRIPTION	DATE	APPROVED	APPROVED
SH	RT-5000	A	Initial Release per DCN W5295	6/19/06	D. Woodhurst	C. Estes
DWG. NO. 150-041953						

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APPROVALS	DATE	
DRAWN Leslie Evans	6/16/06	TITLE: SERVICE NOTIFICATION WSN RT-5000-23 Dendrite Formation On Connector P1 Of Early Version DSP Modules
CHECKED Jay Jensen	6/16/06	
PRODUCT MANAGER Scott Hovelsrud	6/19/06	
ENGINEER Clifford Estes	6/19/06	SIZE A
ISSUED Diana Woodhurst	6/19/06	CAGE CODE 1B7G3
		DWG NO. 150-041953
		REV A
Typed signatures indicate approval. Handwritten signature approval of this document is on file at Wulfsberg Electronics, Prescott, Arizona.		SCALE: NONE
		DO NOT SCALE DRAWING



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SERVICE NOTIFICATION

EQUIPMENT: RT-5000

DATE: June 19, 2006

SERVICE NOTIFICATION NUMBER: WSN RT-5000-23 Revision A

APPLICABILITY

RT-5000 PN 400-015525-0x01 built with DSP Module PN 300-016260-0111 and below.

REASON

Early version DSP modules (A4) were built with DSP Connector P3 (PN 129-216843-01) that was constructed with a metallic wafer surrounding the P3 contacts (Ref Figure 1).

When coupled to the mating Motherboard connector (A1J3), dendrites have been known to form in some units over an extended period of time, which may result in an electrical short between adjacent DSP contacts and/or intermittent performance.

PROCEDURE

The metallic P3 connectors should be replaced with current production parts of the same PN (Ref Figure 2).

Note: Cleaning the original connectors will temporarily remedy the presence of dendrites, however, it does not eliminate the possibility of reformation.

MATERIAL INFORMATION

The parts required to modify this unit in accordance with this Service Notification are available from Wulfsberg Electronics at (928) 708-1518.

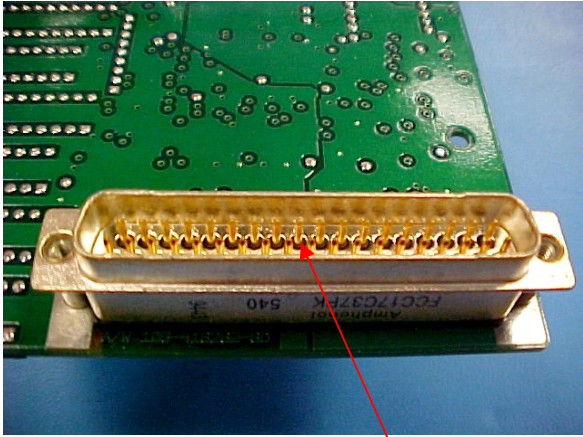


Figure 1A

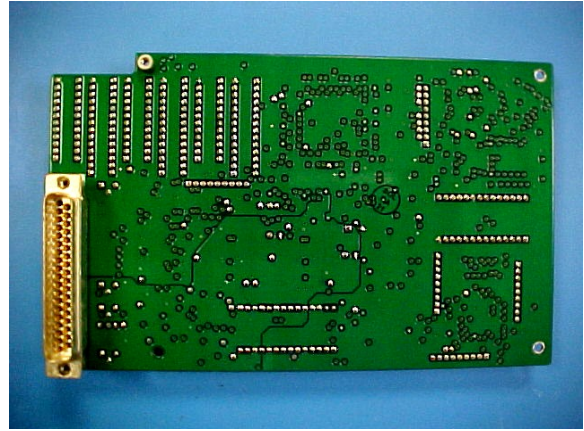


Figure 1B

Early version DSP module with metallic wafer surrounding contacts.

Latter version DSP module with plastic wafer.

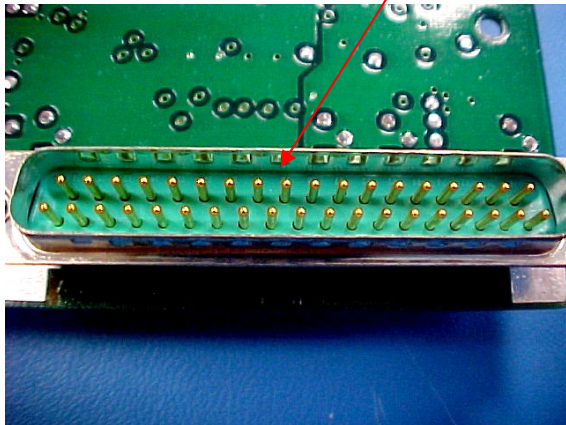


Figure 2A

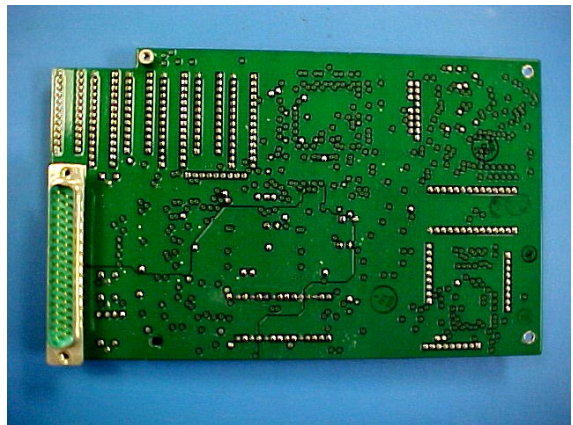


Figure 2B