



STEWART CONNECTOR SYSTEMS, INC.

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Attn: John Lohmeyer, Chairman X3T9.2

Dear John,

Stewart Connector Systems, Thomas & Betts and Viking are currently fabricating the SCSI 2 high density connectors for use in the SCSI 2 tests being conducted by DEC, HP and Sun Micro. We expect to have the connectors and cable assemblies completed by the end of January. Since this may not allow sufficient time to get the resulting test data to you for the next mailing we will present the data at the meeting. If the test results are available in time we will make a separate mailing to the membership prior to the meeting.

In that the signal integrity information presented at the recent meetings points to application problems even with the .050 spaced cable we do not believe that the fine pitch cable will provide a solution that this committee will find acceptable. We are still committed to the two layer cable approach of the DAISY-GEN connector as the more acceptable technology.

This letter will confirm that that we will, in conjunction with OEMs who have run the tests, present the results of the testing. If supported by the results we will propose to the membership that the two layer DAISY-GEN be adopted as the SCSI 2 internal connector.

One final application note. Some of the SCSI-1 cables that we have been asked to duplicate in a SCSI-2 configuration have two layers of cable, one layer that lays directly on the other. This means that a fine pitch cable required to lay back on itself in a two layer configuration will inevitably position the upper signal wires within .010 of the signal wires in the lower cable. This will result in a more serious cross talk condition than .050 spaced conductors in standard ribbon cable.

Yours truly,

David A. Hatch
Manager of Advance Product
Development and Engineering

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