TO: T10 Membership
FROM: Paul Suhler, Seagate Technology
DATE: 15 January 2003
SUBJECT: T10/03-020r1, ADI Connector Status

15 December 2003 Status

Last week I contacted Molex and JST concerning the connector for ADT. Jerry Kchalic, Molex, will lead the effort in the SFF Committee to standardize the connector. When it comes to a vote on approval, he'll make the motion and Alvin Cox, Seagate, will second it.

I presented the need for the ADI connector to the 15 January 2003 meeting of the SFF Committee, in Portland, OR. The presentation is document T10/03-061r0. As an example, I showed the Molex 89400 data sheet (not included in the presentation document).

Dal Allan, SFF Chair, agreed to issue an SFF document number.

Jerry Kchalic has already obtained the boilerplate material and will prepare the first draft. He is still checking for intellectual property issues, but has found none and expects to find none.

2 December 2002 Status

I have been researching second sources for the line of connectors that HP specifies in their Automation Control Interface (T10/02-011r0 and 02-012r0). I have found two sources which offer the connectors with varying numbers of pins, including nine and ten. Typical connectors are:

JST: http://www.jst-mfg.com/pdfE/ePH.pdf

Molex: http://www.molex.com/pdm_docs/sd/873690200_sd.pdf

We've requested samples for a fit test, but can't yet state unequivocally that they intermate.

I note that we should consider specifying the insertion force needed. For the JST part, we'd prefer the low-insertion force version.

The next step would be to take the connector to the SFF Committee to be assigned an SFF standard number. Ideally, one or more of the connector vendors would do this. Then, the ADT standard could refer to the SFF standard.

Any other manufacturers who produce similar parts or who have connectors which they wish to have considered for this standard are invited to bring them to our attention.