

ENGINEERING PRACTICES STUDY

PROJECT NUMBER: 5998-2009-041

TITLE:

Engineering Practices Study for Data Gathering for the purpose of Withdrawal of Adoption of
Non-Government Standard IPC-D-275

01 September 2009

FINAL REPORT

Prepared by:

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I. **OBJECTIVES:** The objective of this study was to obtain from the military and Government users either comments or concurrence on the proposed withdrawal of adoption of IPC–D–275 a non-Government standard (NGS) that was published by the IPC – Association Connecting Electronics Industries (IPC).

II. **BACKGROUND:** The subject NGS document is still referenced and used by several DoD standardization documents for the design of printed boards. The NGS document has been withdrawn by its issuing NGSB, the IPC, and has been replaced by IPC–2221. IPC–2221 was DoD adopted on 01 September 1999. According to ASSIST, the subject NGS document is referenced by 6 documents in FSC 5935, and 1 document in FSC 5955. See the table below for the referenced-by specifications.

Referencing document ID	Prep Acty	FSC	Title
MIL-DTL-21097	CC	5935	Connectors, Electrical, Printed Wiring Board, General Purpose General Specification For
MIL-DTL-21097/3	CC	5935	Connectors, Electrical, Printed Wiring Board Composite, Adapter, Contact Spacing (.200) Individual Contacts, Type Cs
MIL-DTL-21097/14	CC	5935	Connectors, Electrical, Printed Wiring Board Male Adapter, Contact Spacing: 0.200, Alternate Dual Row, Type Cs, Blade Contact (Mounting Provision A)
MIL-DTL-21097/15	CC	5935	Connectors, Electrical, Printed Wiring Board Male Adapter, Contact Spacing: 0.200, Alternate Dual Row, Type Cs, Blade Contact (No Mounting Provision)
MIL-DTL-55302	CC	5935	Connectors, Printed Circuit Subassembly And Accessories
MIL-DTL-55302/128	CC	5935	Connectors, Printed Circuit Subassembly And Accessories: Receptacle, Double Row, 4 Through 130 Contact Positions, For Printed Wiring Boards (.062 , .093 , .125) (.100 Spacing)
MIL-PRF-55310	CR	5955	Oscillator, Crystal Controlled, General Specification For

III. **RESULTS:** A letter was sent by electronic mail to various Department of Defense and Government activities asking for their input (comments or concurrence) concerning the withdrawal of the subject NGS document. All responses were in concurrence with the withdrawal of the subject NGS document. There were no negative or valid essential comments submitted. FSC 5955 responded that they will remove the references from their document. No response was received from FSC 5935.

IV. **CONCLUSIONS:** Based upon the fact that all responses were in concurrence with the withdrawal of the adoption, a notice should be prepared to withdraw the DoD adoption of the subject NGS documents.

V. **RECOMMENDATIONS:** After this final report is coordinated with the activities that responded or will be affected by the withdrawal of the NGS, DSCC–VAC will initiate a standardization project to prepare and issue a notice of withdrawal for IPC–D–275.