

D E S C R I P T I O NPRODUCT COVERED:

**CHAMP Connector - IDC (Insulation Displacement Contact) for multi-conductor and ribbon cable termination, Terminator, filtered CHAMP Adaptor, and pcb ACTION PIN (Press-Fit) termination type.**

ENGINEERING CONSIDERATIONS:

General - The Champ connectors and adapters described in this Report consist of plastic housings and gold plated contact pins. The connectors may employ 14, 24, 36, 50 or 64 pin positions. The IDC termination connectors may employ No. 22-28 AWG wire. The suffixes denoted in the catalog numbers designate wire size. The action pins connect to a printed circuit board, but are field installable.

Specific Champ connectors have been investigated for mounting in air-handling spaces in accordance with Article 300-22(C) of the NEC. Refer to Table I for details.

Installations - The Champ connectors and adapters are intended to be installed in accordance with the applicable requirements of the National Electrical Code and the local authorities having jurisdiction. They shall also be installed in accordance with the guidelines of Part 6, FCC. Refer to ILLS. 1 through 7.

Component Servicing - These units should be repaired by personnel trained by the manufacturer or returned to the manufacturer for repair or replacement.

Rating - The unit is intended for telephone circuits operating at 175 mA or less and a maximum 56.5 V dc, ring voltage not to exceed 150 V rms. The connectors may also be used in data circuits operating at 100 mA or less and a maximum 42 V dc or 30 V ac.