DESCRIPTION

PRODUCT COVERED:

Component connectors, "AMP-TAB" Series, Catalog Numbers tabulated herein.

GENERAL:

These are printed wiring board edge card connectors, two and four-wire, 10-50 poles max. They are supplied with crimp and eyelet (solder) type contacts, for use with copper wires No. 18-26 AWG.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Conditions of Acceptability - In order to be considered acceptable as a component in electrical equipment, the following conditions should be satisfied.

1. These devices are suitable only where not subjected to current interruption.

2. The current carried shall be judged under the requirements applicable to the electrical equipment in which these devices are used, with respect to operating temperatures.

3. The electrical and mechanical contact between the connector and the printed wiring board is to be evaluated.

4. The connectors covered by this report when molded of the following material, meets or exceeds the min profile of plastic properties tabulated below. The plastic properties of each material were evaluated considering the Recognized 0.058 in thick index values although the connector bodies may have lesser thicknesses.

RMV

A. Manufacturer — Material Designation

1. Fiberite Corp. — Phenolic, FM-4004 3050
2. Rogers Corp. — Diallyl phthalate, RX1366FR 3051

B. Min Profile of Plastic Properties

	Flammability	Hot Wire Ignition	Hot Bar Test	CTI	High Amperes Arc Ignition
1.	94V-0	83	-	-	118
2.	94V-0	129	-	-	41

5. The max temperature on the housing material shown below should not exceed the following: FM-4004 by Fiberite, 150°C; RX1366FR by Rogers, 130°C.

6. These devices are rated for voltage up to 250 V.

7. The crimp contact security shall be determined in the end-use.

8. Connections to the eyelet (solder) contacts shall be mechanically secured before soldering.