

## DESCRIPTION

## PRODUCT COVERED:

Modified fork printed circuit connectors.

## ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

General - Cat. Nos. 583282-1 and 583296-1 to 583304-1 incl., are 3 to 33 contact position crimp snap-in connector housings. Cat. No. 583259-2 and Cat. No. 583259-4, assembly into housings.

Cat. Nos. 583347, 583351 - 583359 incl., suffixed either -1 (tin plated copper alloy) or -2 (gold plated copper alloy) are 3 to 33 contact position mother board connector housings. They are classified as Type I (solder dip). Housings similar to these are given different catalog numbers and classified as Type II (offset solder dip), Type III (staggered grid solder dip) and Type IV (solder tab) based on contact configuration.

Cat. Nos. 583368, 583456, 583369, 583566, 583693, 583370, 583479, 583371, 583576, 583791, 583730, Suffixed -1 and 583791 Suffixed -3 are 3 to 33 contact position crimp snap-in connector housings with offset cord slot feature.

Conditions of Acceptability - In order to be judged acceptable as a component of electrical equipment, the following list of conditions should be met with particular consideration given to the specific contact and pin part numbers used.

1. These devices should be used only when they will not interrupt the current.
2. The current carried by each pole shall be judged under requirements applicable to the electrical equipment in which the devices are used with respect to operating temperatures.
3. The insulating materials used for these devices, and related temperature indices are tabulated on Page 2 of this report. These materials may be used interchangeably at a max temperature of 105°C.
4. The adjacent poles may carry currents at potentials not exceeding 250 V between any two circuits. Higher voltages may be considered upon arrangement of live contacts and applicable requirements for equipment in which it is used.

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\*Vol. 1    Sec. 75  
Vol. 4    Sec. 14

Page 2

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Vol. 27    Sec. 8  
and Report

5. The contacts, Part Nos. 583259-2 through 583259-4 respectively, are for factory assembly on No. 24 to 20 AWG stranded copper wire leads by crimping at factory. The contacts are factory assembled in housings, Part Nos. 583282-1, 583296-1 to 583304-1 inclusive. The contact, Part No. 583340-8 is for factory assembly in housings, Part Nos. 583347 with Suffix 1 or 2 and 583351 to 583359 inclusive, with Suffix 1 or 2.