D E S C R I P T I O N

PRODUCT COVERED:

Drawer Connector **Series, Metrimate.**

GENERAL:

These devices are multi-pole and pin and receptacle connectors employing AMP Drawer or AMP-Leaf crimp contacts. (Refer to AMP-Leaf terminals in report dated 11-6-73).

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Use - For use only in complete equipment where the acceptability of the combination is judged by Underwriters Laboratories Inc.

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

1. These devices should be used only in applications where they will not interrupt current. The exception is Cat. Nos. 213499-1, 213500-1, 213940-1 and 213942-1 which when wired with Power VIII socket and pin contacts and has a current interrupt rating of 10 A, 250 V ac provided only 3 positions are being used. Positions A and H for either line and neutral and either position C or F for ground for Cat. Nos. 213499-1 and 213500-1. Positions 1 and 2 for either line and neutral and position 3 for ground with Make First/Break Last power band contact for Cat. Nos. 213940-1 and 213942-1.

2. These devices have not been tested for current-carrying capability except for size 8 contacts which have been investigated for a max current of 30 A and Power VIII which have been investigated for a max current of 10 A.

3. Suitability of termination of AMP-Leaf contacts used with Drawer Connectors must be determined in the end-use equipment.

4. The operating temperatures of these devices should not exceed the temperature ratings of the insulating materials. These materials may be used *interchangeably at a max temperature of 105°C.

5. The placement of these devices within the appliance enclosure should be such that spacings between live parts and the end-use equipment are suitable for the application.

6. The receptacle and pin contacts are for factory-wiring only.

7. The electrical and mechanical contact between the connector and the printed circuit board is to be judged in the end-use product.

8. The electrical and mechanical contact between the receptacle and pin contacts is to be determined in the end-use equipment.

9. The voltage between live parts and live parts and grounded or exposed metal parts should not exceed 600 V based on the provided spacings of 1/8 in (3.2 mm) as required in the Standard For Attachment Plugs and Receptacles.

10. The suitability of the insulating materials used in the molded bodies shall be judged in the end-use equipment.

11. The suitability of the mounting means shall be determined in the end-use.

E.O.
J.T.