

## DESCRIPTION

## PRODUCT COVERED:

Component receptacles and plugs, Series M.

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

General Character and Use - These devices are multiple combination attachment plugs and receptacles intended for use within the enclosure of electrical appliances. They are to be considered suitable for use in electrical equipment submitted to Underwriters Laboratories Inc. where the following tabulated conditions have been investigated and found acceptable. They are intended for factory assembly on multi-conductor cord.

The devices differ in the body material and the suffix numbers and letters indicate the different number of positions available.

## CONDITIONS TO BE INVESTIGATED:

1. These devices are suitable only where not subjected to current interruptions.
2. The current carried shall be judged under the requirements applicable to the electrical equipment in which this device is used with respect to operating temperatures.
3. The max temperature on the module bodies, (contact support) should not exceed the following: [REDACTED] 150°C; [REDACTED], 125°C; [REDACTED] 130°C; [REDACTED] manufactured by [REDACTED] 90°C.
4. These devices may be wired with 250 V AC, or DC, max between adjacent contacts. Higher voltages may be considered depending upon arrangement of live contacts and applicable requirements for equipment in which it is used.
5. The plug pins and receptacles contacts are for assembly or No. 8 to 32 AWG inclusive, stranded copper wire leads by crimping, clip on, and post type terminations.
6. The crimp type, post type (wrap type) and clip on type ("Termi-Point") terminations shall be judged with respect to through air spacings between adjacent terminals (see Page 40, Ill. 1 of report dated October 13, 1961).
7. The placement of this device within the appliance enclosure shall be such that spacings between live parts and the appliance are suitable for the particular application.

8. The suitability of the shield and cable clamps with respect to the mounting means and effectiveness in gripping the bunched conductors without damaging the insulation is to be determined as part of the end use.

9. Manufacturer's mounting hardware (shield and cable clamps, etc.) suitable for use with these devices but not depicted by this report may be used as long as minimum electrical spacings are maintained and the effectiveness of all means of strain relief is evaluated in the end product.

CONSTRUCTION DETAILS:

\* Marking - Company name "Amp", and Cat. No. marked on block bodies. Company name, Cat. No., and wire range on cartons.

Shipment in Parts - (Marking) - The cartons containing the contacts are marked with the contact part number, company name or trademark, and "for use in Series M receptacles and plugs". The cartons containing the receptacle and plug bodies are marked with the body part number (see Fig. 1), company name or trademark and either "for use with contact Nos. \_\_\_\_\_" or "For use with AMP contacts For Series M Connectors".

J.S.  
C.K.