

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

Component Receptacles, COMBO-LINE Series, part numbers tabulated herein.

ENGINEERING CONSIDERATIONS:

These devices are multi-pole, pin and receptacle connectors for use in equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

The plastic housing material is considered suitable for use within electrical equipment, subject to end-use equipment performance requirements for plastic materials.

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.
2. The current carried by each pole shall not exceed 8 A.
3. The max temperature on the Plastic housings molded of Tyco Raw Material #702904 should not exceed 105°C.
4. 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.
5. The receptacle and pin contacts are for factory-wiring only.
6. The electrical and mechanical contact between the receptacle and pin contacts is to be determined in the end-use equipment.
- * 7. 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 UL 1977, Second Edition dated December 7, 2007.
8. The contact temperature shall not exceed a 30°C temperature rise in the end use application. The receptacles have been found not to exceed this 30°C rise temperature when tested at 8 A, using No. 20 AWG stranded copper conductors.