

D E S C R I P T I O N

PRODUCT COVERED:

Component Connectors, Series AMP Lattice Connectors.

GENERAL:

These devices are multi-pole connectors employing contacts of the crimp termination type for use in electrical equipment where the acceptability of the combinations is determined by Underwriters Laboratories Inc.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVES USE):

Use - For use only in complete equipment where the acceptability of the combination is determined 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 where they will not interrupt the \*current greater than 5 A at 250 V.
2. These devices have been investigated for a current of 5 A carried by each pole with a maximum temperature rise of 5°C.
3. The suitability of the mounting means shall be determined in the end use.
4. The acceptability of the grounding connection shall be determined by the end product use engineer.
5. The placement of these devices within the equipment enclosure should be such that spacings between the live parts and the equipment are suitable for the particular application.
6. The adjacent poles may be used at potentials not exceeding 250 V based on the spacings requirements of Paragraph 12.1 of UL 498. Dielectric testing has not been performed.
7. The factory assembled contacts have been investigated for the following wire ranges:

<u>Part No.</u>	<u>Wire Range (AWG)</u>	<u>(Pull Force (lb))</u>
175150, 176758	16, 18	20
175150, 176758	20	8
175149, 176759	22, 24, 26	8

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

9. No Mold Stress Tests were performed on the covers.

10. The operating temperature of these devices should not exceed the temperature ratings of the insulating materials. These materials may be used interchangeably at a maximum temperature of 130°C.

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