

## Low Voltage Solder or Quick Connect Terminals 186-

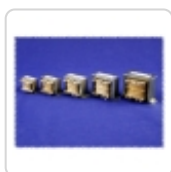
### 187 Series

Chassis Mount - 115 & 115/230 V Primary

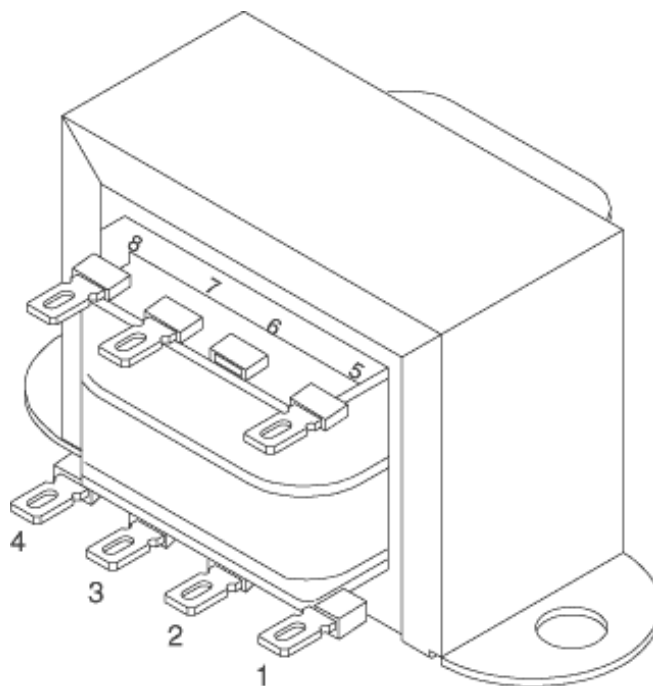
#### Features

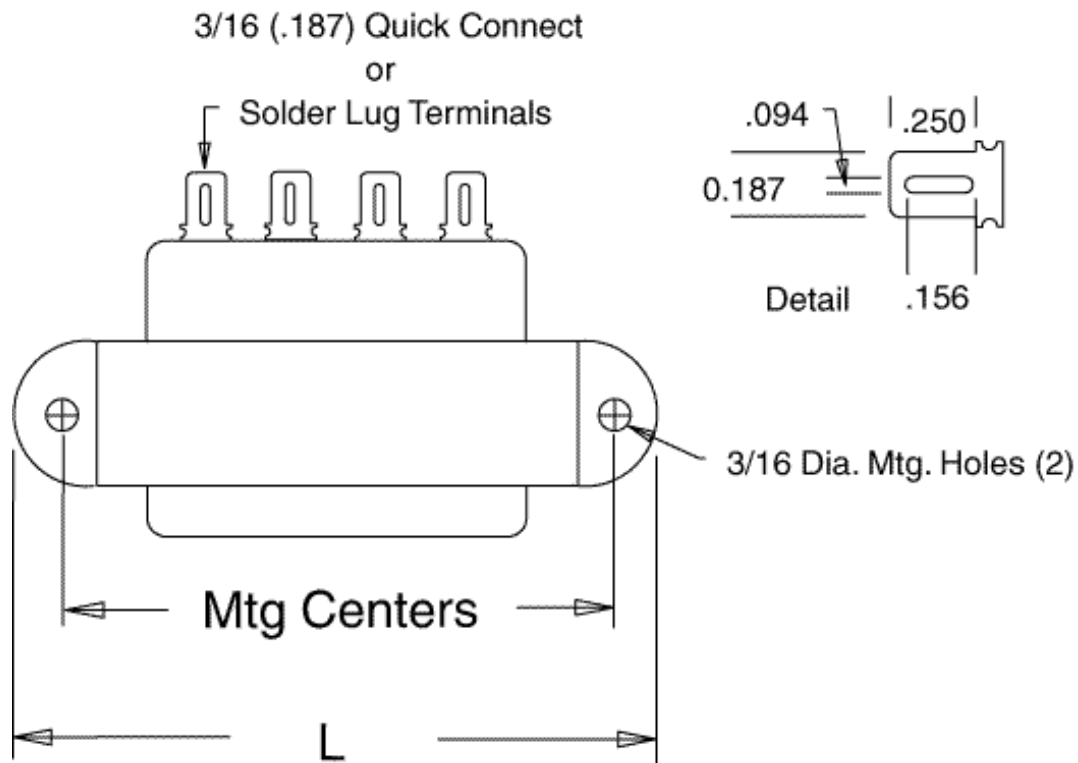


- Choice of two primaries: Single Primary 115VAC (187 series) or Dual Primary 115/230VAC (186 series).
- Either series operates on 50/60 Hz.
- Combination solder or quick connect terminals.
- Split bobbin construction eliminates the need for an electrostatic shield.
- Hi-pot tested to 2 KV RMS.
- Economical open style, channel frame - chassis mount design
- Insulation material - minimum of Class B or 130 degrees C
- Designed to Class A temperature rise
- UL recognized & CSA certified.



A wiring diagram for this series can be downloaded [here](#).





| Part No.<br>Single Primary<br>115 VAC | Part No.<br>Dual Primary<br>115/230 VAC | Secondary<br>(R.M.S.)<br>VAC | Current<br>(Amps) | VA<br>Rating | Length<br>L | Dimensions                              |             | Mounting<br>Centers<br>D | Depth<br>To Terminal<br>E |
|---------------------------------------|-----------------------------------------|------------------------------|-------------------|--------------|-------------|-----------------------------------------|-------------|--------------------------|---------------------------|
|                                       |                                         |                              |                   |              |             | Depth<br>(Not Including Terminals)<br>B | Height<br>C |                          |                           |
| 187A10                                | -                                       | 10V C.T.                     | 0.25              | 2.5          | 2.06        | 1.06                                    | 1.18        | 1.75                     | 1.44                      |
| 187B10                                | 186B10                                  | 10V C.T.                     | 0.6               | 6            | 2.37        | 1.25                                    | 1.37        | 2.00                     | 1.62                      |
| 187C10                                | 186C10                                  | 10V C.T.                     | 1.2               | 12           | 2.81        | 1.37                                    | 1.62        | 2.37                     | 1.73                      |
| 187D10                                | 186D10                                  | 10V C.T.                     | 3                 | 30           | 3.25        | 1.68                                    | 1.93        | 2.81                     | 2.06                      |
| 187E10                                | 186E10                                  | 10V C.T.                     | 5                 | 50           | 3.68        | 1.81                                    | 2.25        | 3.12                     | 2.19                      |
| 187F10                                | 186F10                                  | 10V C.T.                     | 10                | 100          | 4.03        | 2.25                                    | 2.56        | 3.50                     | 2.62                      |
| 187A12                                | -                                       | 12.6V C.T.                   | 0.19              | 2.5          | 2.06        | 1.06                                    | 1.18        | 1.75                     | 1.44                      |
| 187B12                                | 186B12                                  | 12.6V C.T.                   | 0.5               | 6.3          | 2.37        | 1.25                                    | 1.37        | 2.00                     | 1.62                      |
| 187C12                                | 186C12                                  | 12.6V C.T.                   | 1                 | 12.6         | 2.81        | 1.37                                    | 1.62        | 2.37                     | 1.73                      |
| 187D12                                | 186D12                                  | 12.6V C.T.                   | 2.5               | 31.5         | 3.25        | 1.68                                    | 1.93        | 2.81                     | 2.06                      |
| 187E12                                | 186E12                                  | 12.6V C.T.                   | 4                 | 50.4         | 3.68        | 1.81                                    | 2.25        | 3.12                     | 2.19                      |
| 187F12                                | 186F12                                  | 12.6V C.T.                   | 8                 | 100.8        | 4.03        | 2.25                                    | 2.56        | 3.50                     | 2.62                      |
| 187A16                                | -                                       | 16V C.T.                     | 0.15              | 2.4          | 2.06        | 1.06                                    | 1.18        | 1.75                     | 1.44                      |
| 187B16                                | 186B16                                  | 16V C.T.                     | 0.4               | 6.4          | 2.37        | 1.25                                    | 1.37        | 2.00                     | 1.62                      |
| 187C16                                | 186C16                                  | 16V C.T.                     | 0.8               | 12.8         | 2.81        | 1.37                                    | 1.62        | 2.37                     | 1.73                      |
| 187D16                                | 186D16                                  | 16V C.T.                     | 2                 | 32           | 3.25        | 1.68                                    | 1.93        | 2.81                     | 2.06                      |
| 187E16                                | 186E16                                  | 16V C.T.                     | 3.5               | 56           | 3.68        | 1.81                                    | 2.25        | 3.12                     | 2.19                      |
| 187F16                                | 186F16                                  | 16V C.T.                     | 6.25              | 100          | 4.03        | 2.25                                    | 2.56        | 3.50                     | 2.62                      |
| 187A20                                | -                                       | 20V C.T.                     | 0.12              | 2.4          | 2.06        | 1.06                                    | 1.18        | 1.75                     | 1.44                      |
| 187B20                                | 186B20                                  | 20V C.T.                     | 0.3               | 6            | 2.37        | 1.25                                    | 1.37        | 2.00                     | 1.62                      |
| 187C20                                | 186C20                                  | 20V C.T.                     | 0.6               | 12           | 2.81        | 1.37                                    | 1.62        | 2.37                     | 1.73                      |
| 187D20                                | 186D20                                  | 20V C.T.                     | 1.5               | 30           | 3.25        | 1.68                                    | 1.93        | 2.81                     | 2.06                      |
| 187E20                                | 186E20                                  | 20V C.T.                     | 2.8               | 56           | 3.68        | 1.81                                    | 2.25        | 3.12                     | 2.19                      |
| 187F20                                | 186F20                                  | 20V C.T.                     | 5                 | 100          | 4.03        | 2.25                                    | 2.56        | 3.50                     | 2.62                      |
| 187A24                                | -                                       | 24V C.T.                     | 0.1               | 2.4          | 2.06        | 1.06                                    | 1.18        | 1.75                     | 1.44                      |
| 187B24                                | 186B24                                  | 24V C.T.                     | 0.25              | 6            | 2.37        | 1.25                                    | 1.37        | 2.00                     | 1.62                      |
| 187C24                                | 186C24                                  | 24V C.T.                     | 0.5               | 12           | 2.81        | 1.37                                    | 1.62        | 2.37                     | 1.73                      |
| 187D24                                | 186D24                                  | 24V C.T.                     | 1.25              | 30           | 3.25        | 1.68                                    | 1.93        | 2.81                     | 2.06                      |
| 187E24                                | 186E24                                  | 24V C.T.                     | 2.4               | 57.6         | 3.68        | 1.81                                    | 2.25        | 3.12                     | 2.19                      |

| Dimensions     |              |           |         |        |        |                           |          |         |             |
|----------------|--------------|-----------|---------|--------|--------|---------------------------|----------|---------|-------------|
| Part No.       | Part No.     | Secondary | Depth   |        |        |                           | Mounting | Depth   |             |
| Single Primary | Dual Primary | (R.M.S.)  | Current | VA     | Length | (Not Including Terminals) | Height   | Centers | To Terminal |
| 115 VAC        | 115/230 VAC  | VAC       | (Amps)  | Rating | L      | B                         | C        | D       | E           |
| 187F24         | 186F24       | 24V C.T.  | 4       | 96     | 4.03   | 2.25                      | 2.56     | 3.50    | 2.62        |
| 187A28         | -            | 28V C.T.  | 0.08    | 2.4    | 2.06   | 1.06                      | 1.18     | 1.75    | 1.44        |
| 187B28         | 186B28       | 28V C.T.  | 0.2     | 5.6    | 2.37   | 1.25                      | 1.37     | 2.00    | 1.62        |
| 187C28         | 186C28       | 28V C.T.  | 0.42    | 12     | 2.81   | 1.37                      | 1.62     | 2.37    | 1.73        |
| 187D28         | 186D28       | 28V C.T.  | 1.07    | 30     | 3.25   | 1.68                      | 1.93     | 2.81    | 2.06        |
| 187E28         | 186E28       | 28V C.T.  | 2       | 56     | 3.68   | 1.81                      | 2.25     | 3.12    | 2.19        |
| 187F28         | 186F28       | 28V C.T.  | 3.57    | 100    | 4.03   | 2.25                      | 2.56     | 3.50    | 2.62        |
| 187A36         | -            | 36V C.T.  | 0.06    | 2.34   | 2.06   | 1.06                      | 1.18     | 1.75    | 1.44        |
| 187B36         | 186B36       | 36V C.T.  | 0.17    | 6.12   | 2.37   | 1.25                      | 1.37     | 2.00    | 1.62        |
| 187C36         | 186C36       | 36V C.T.  | 0.35    | 12.6   | 2.81   | 1.37                      | 1.62     | 2.37    | 1.73        |
| 187D36         | 186D36       | 36V C.T.  | 0.85    | 30.6   | 3.25   | 1.68                      | 1.93     | 2.81    | 2.06        |
| 187E36         | 186E36       | 36V C.T.  | 1.5     | 54     | 3.68   | 1.81                      | 2.25     | 3.12    | 2.19        |
| 187F36         | 186F36       | 36V C.T.  | 2.8     | 100.8  | 4.03   | 2.25                      | 2.56     | 3.50    | 2.62        |
| 187A48         | -            | 48V C.T.  | 0.05    | 2.4    | 2.06   | 1.06                      | 1.18     | 1.75    | 1.44        |
| 187B48         | 186B48       | 48V C.T.  | 0.12    | 6      | 2.37   | 1.25                      | 1.37     | 2.00    | 1.62        |
| 187C48         | 186C48       | 48V C.T.  | 0.25    | 12     | 2.81   | 1.37                      | 1.62     | 2.37    | 1.73        |
| 187D48         | 186D48       | 48V C.T.  | 0.62    | 30     | 3.25   | 1.68                      | 1.93     | 2.81    | 2.06        |
| 187E48         | 186E48       | 48V C.T.  | 1.2     | 57.6   | 3.68   | 1.81                      | 2.25     | 3.12    | 2.19        |
| 187F48         | 186F48       | 48V C.T.  | 2       | 96     | 4.03   | 2.25                      | 2.56     | 3.50    | 2.62        |
| 187A56         | -            | 56V C.T.  | 0.04    | 2.5    | 2.06   | 1.06                      | 1.18     | 1.75    | 1.44        |
| 187B56         | 186B56       | 56V C.T.  | 0.11    | 6.16   | 2.37   | 1.25                      | 1.37     | 2.00    | 1.62        |
| 187C56         | 186C56       | 56V C.T.  | 0.21    | 12.3   | 2.81   | 1.37                      | 1.62     | 2.37    | 1.73        |
| 187D56         | 186D56       | 56V C.T.  | 0.53    | 30     | 3.25   | 1.68                      | 1.93     | 2.81    | 2.06        |
| 187E56         | 186E56       | 56V C.T.  | 1       | 56     | 3.68   | 1.81                      | 2.25     | 3.12    | 2.19        |
| 187F56         | 186F56       | 56V C.T.  | 1.8     | 100.8  | 4.03   | 2.25                      | 2.56     | 3.50    | 2.62        |
| 187A120        | -            | 120V C.T. | 0.02    | 2.4    | 2.06   | 1.06                      | 1.18     | 1.75    | 1.44        |
| 187B120        | 186B120      | 120V C.T. | 0.05    | 6      | 2.37   | 1.25                      | 1.37     | 2.00    | 1.62        |
| 187C120        | 186C120      | 120V C.T. | 0.1     | 12     | 2.81   | 1.37                      | 1.62     | 2.37    | 1.73        |
| 187D120        | 186D120      | 120V C.T. | 0.25    | 30     | 3.25   | 1.68                      | 1.93     | 2.81    | 2.06        |
| 187E120        | 186E120      | 120V C.T. | 0.5     | 60     | 3.68   | 1.81                      | 2.25     | 3.12    | 2.19        |
| 187F120        | 186F120      | 120V C.T. | 0.85    | 102    | 4.03   | 2.25                      | 2.56     | 3.50    | 2.62        |

*Data subject to change without notice*