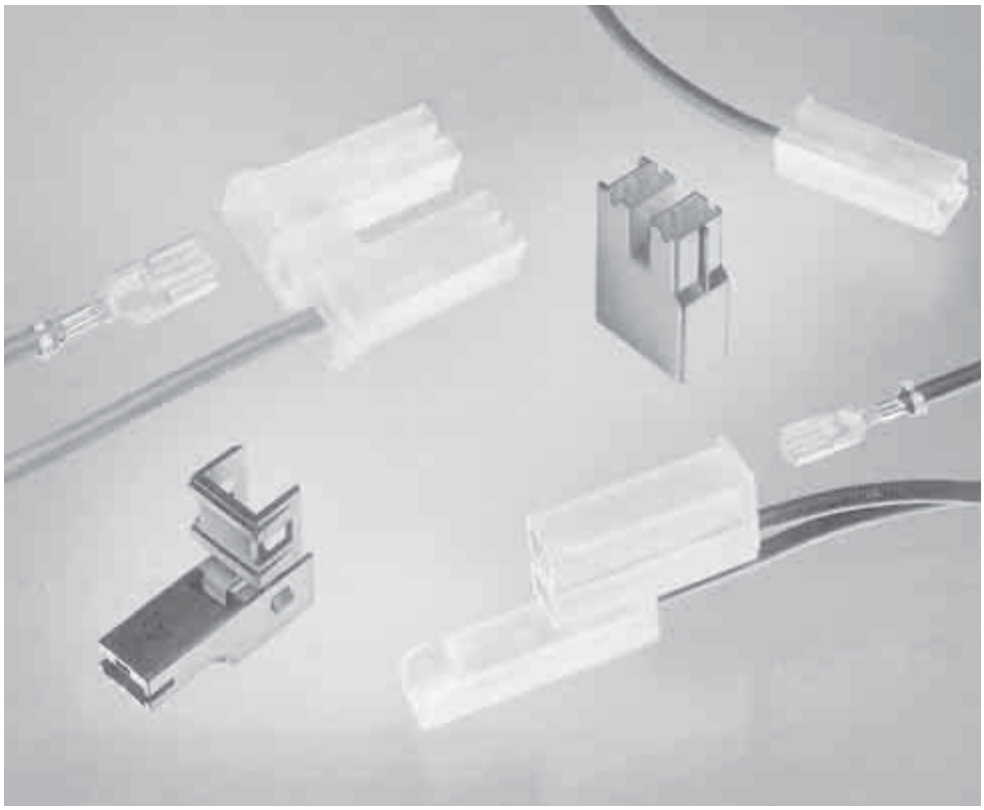
## Positive Lock Receptacles

### Product Facts

- **Reduced insertion force**
- **Locks onto tabs containing holes**
- **Housing insulates and serves as a removal tool**
- **"Snap" action tells assembler receptacle is mated properly**
- **Terminated by automatic or semi-automatic equipment**
- **Single and multiple circuit housings available**
- **Recognized under the Component Program of Underwriters Laboratories Inc., File Nos. E66717 and E28476**
- **Certified by Canadian Standards Association File No. LR7189A**



Positive Lock receptacles are specifically designed to provide ease of assembly and secure retention to mating tabs. These unique features are attainable by the reduced insertion force of the product and the locking dimple. The receptacle locks onto mating tabs containing holes and is removable only by deflecting an integrally designed depressor prior to withdrawal. The depressor can be deflected manually by thumb pressure, or automatically by a cam inside a specially designed nylon housing. If the housing is employed, removal of the terminal from the tab is performed by simply applying withdrawal force to the housing. In addition to providing a means of disconnecting the terminal, the housing performs its traditional insulating function.

Aside from reduced insertion forces, Positive Lock receptacles give the assembler a definite mechanical "snap" when the terminal is correctly seated over the mating tab. This facilitates correct assembly in hard-to-reach areas such as under dashboards, recessed switch tabs, etc.

Safety is enhanced by the locking capability of the product. Unless the depressor is deliberately deflected, either manually or by withdrawal force applied directly to the optional housing, a terminal will not easily come off of the tab. Thus, the potential of exposed live parts or disruption of critical circuitry due to improperly seated or accidentally removed terminals is greatly reduced.





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USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-1106-0803

South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080-208

## Positive Lock Receptacles (Continued)

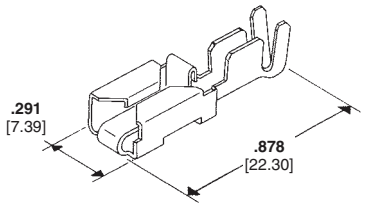
### Mark I

**250 Series Receptacles**

**Stock Thickness** — .016 [0.41]

**Fits Tab** — .032 [0.81]

Recognized under the Component Program of Underwriters Laboratories Inc., UL File No. E28476



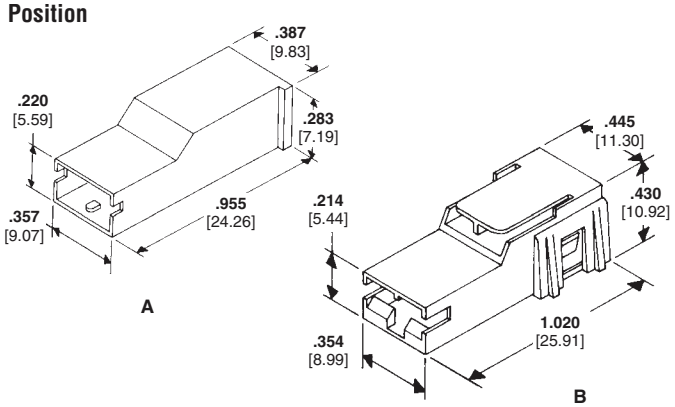

| Wire Range AWG | Insulation Diameter | Material and Finish | Part Numbers | | | | |
|---|---|---|---|---|---|---|---|
| | | | Receptacle | UL | CSA | Quick Change Applicator No.[2] | Hand Tool |
| 20-16 | **.090-.130** 2.29-3.30 | Brass/Pre-Tin | 1-160759-1 | X | X | 567181-2 | 654174-1 |
| 18-14 | **.135-.195** 3.43-4.95 | Brass/Tin | 63812-1[1] | X | X | 680140-2 | — |
| | **.095-.155** 2.41-3.94 | Brass/Tin | 154718-3 | X | — | 466542-3 | 525651 |
| 14-11 | **.140-.170** 3.56-4.32 | Brass/Tin | 154717-3 | X | — | 466883-2 | 525651 |
| 12-10 | **.135-.200** 3.43-5.08 | Brass/Pre-Tin | 790319-3 | — | — | 567417-2 | — |

[1] "A" Style Housing only.
[2] Quick-Change Applicator for AMP-O-LECTRIC Machine 565435-5. For AMPOMATOR Machine and other machines not listed, contact Tyco Electronics.

### Receptacle Housings

**Material** — 94 V-2, 6/6 Nylon

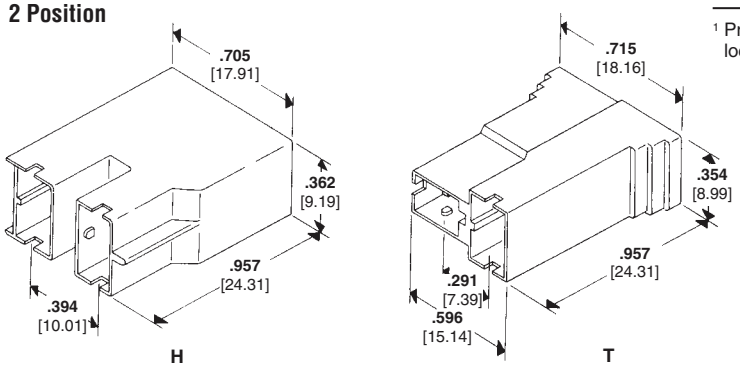
**1 Position**




| Style | Color | Part No. |
|---|---|---|
| A | Black | 154719-0 |
| | Natural | 154719-1 |
| B | Black | 520961-1[1] |
| H | Black | 926521-2 |
| T | Black | 926522-1 |
| | Natural | 926522-2 |

[1] Press-to-release with secondary lock.

**2 Position**




**Note:** All part numbers are RoHS compliant.





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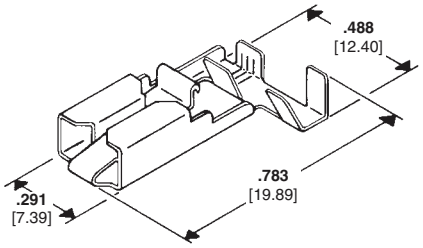
South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080-208

## Positive Lock Receptacles (Continued)

### Mark I

**250 Series Flag Receptacle**

**Stock Thickness** — .016 [0.41]
**Fits Tab** — .032 [0.81]




| Wire Range AWG | Insulation Diameter | Material and Finish | Part Numbers | |
|---|---|---|---|---|
| | | | Receptacle | Quick Change Applicator No. [1] |
| 20-16 | **.087-.130**<br>2.21-3.30 | Brass/Pre-Tin | 926820-4 | 680436-2 |

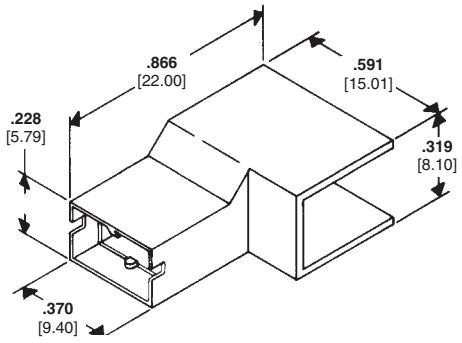
[1] Quick-Change Applicator for AMP-O-LECTRIC Machine 565435-5.
For AMPOMATOR Machine and other machines not listed, contact Tyco Electronics.



### Mark I

**250 Series**
**Receptacle Housings**

**Material** — 94 V-2, 6/6 Nylon




| Color | Part Number |
|---|---|
| Black | 926291-1 |

**Note:** All part numbers are RoHS compliant.



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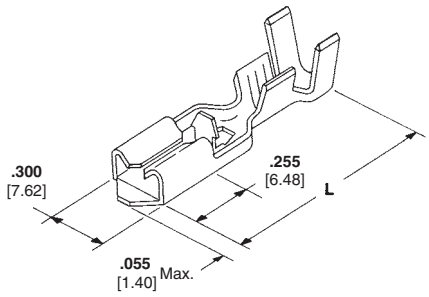
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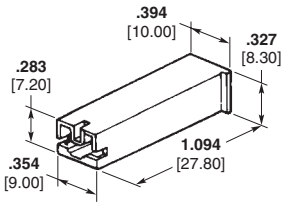
## Positive Lock Receptacles (Continued)

### Mark II
**250 Series**
**Straight Receptacles**

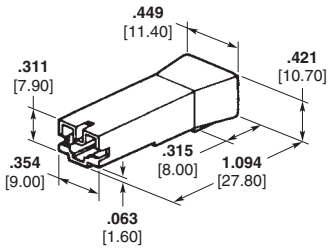



| Wire Range AWG | Tab Thickness | Insulation Diameter | Material and Finish | Stock Thickness | L (Overall Length) | | | Terminal Part No. |
|---|---|---|---|---|---|---|---|---|
| 22-18 | **.032** 0.81 | **.060-.100** 1.52-2.54 | Brass, Tin Plated | **.016** 0.41 | **.886** 22.50 | X | X | 63119-1 |
| | **.032** 0.81 | **.059-.122** 1.50-3.10 | Pre-Tin Brass | **.016** 0.41 | **.976** 24.80 | X | X | 170327-1 |
| 18-14 | **.032** 0.81 | **.090-.155** 2.29-3.94 | Brass | **.016** 0.41 | **.886** 22.50 | X | X | 63097-2 |
| | **.032** 0.81 | **.090-.155** 2.29-3.94 | Brass, Tin Plated | **.016** 0.41 | **.886** 22.50 | X | X | 63097-1 |
| | **.025** 0.64 | **.090-.155** 2.29-3.94 | Brass, Tin Plated | **.016** 0.41 | **.886** 22.50 | X | X | 63809-1 |
| | **.020** 0.51 | **.090-.155** 2.29-3.94 | Brass, Tin Plated | **.016** 0.41 | **.886** 22.50 | X | X | 63442-1 |
| | **.032** 0.81 | **.090-.135** 2.29-3.43 | Pre-Tin Brass | **.016** 0.41 | **1.015** 25.80 | X | X | 170328-1 |
| 15-10 | **.032** 0.81 | **.110-.200** 2.79-5.08 | Pre-Tin Brass | **.016** 0.41 | **1.015** 25.80 | X | X | 170329-1 |
| 12-10 | **.032** 0.81 | **.150-.200** 3.81-5.08 | Brass, Tin Plated | **.018** 0.46 | **.913** 23.20 | X | X | 63239-1 |

### Mark II
**250 Series**
**Receptacle Housings**
**1 Circuit**




A




B

| Style | Material | UL 94 | Color | | | Part Number |
|---|---|---|---|---|---|---|
| A | 6/6 Nylon | V2 | Natural | — | — | 172076-1 |
| | | | Black | — | — | 172076-2 |
| | | | Yellow | — | — | 172076-4 |
| | | | Green | — | — | 172076-5 |
| | | | Blue | — | — | 172076-6 |
| | | | Red | — | — | 172076-7 |
| | | V0 | Natural | — | — | 2-172076-1 |
| | | | Black | — | — | 2-172076-2 |
| | | | Yellow | — | — | 2-172076-4 |
| | | | Green | — | — | 2-172076-5 |
| | | | Blue | — | — | 2-172076-6 |
| | | | Red | — | — | 2-172076-7 |
| B | 6/6 Nylon | V0 | Natural | X | X | 177627-1 |
| | | | Yellow | X | X | 177627-4 |
| | | | Green | — | — | 177627-5 |
| | | | Blue | — | — | 177627-6 |
| | | | Red | — | — | 177627-7 |
| | | | Black | — | — | 177627-9 |

**Note:** All part numbers are RoHS compliant.





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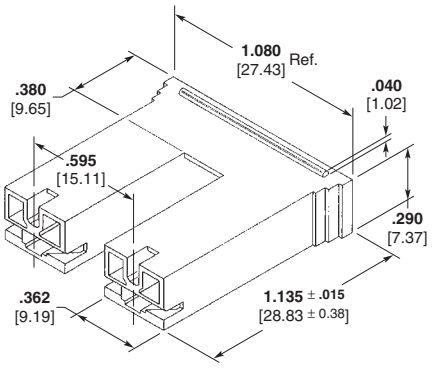
Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-1106-0803

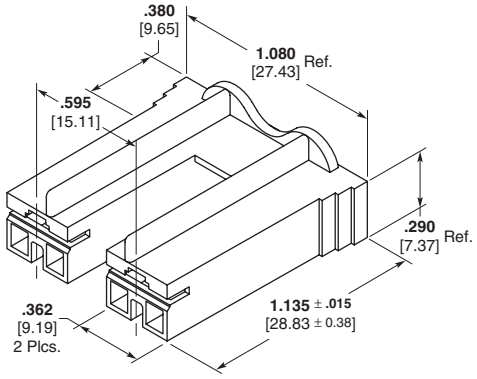
South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080-208

## Positive Lock Receptacles (Continued)

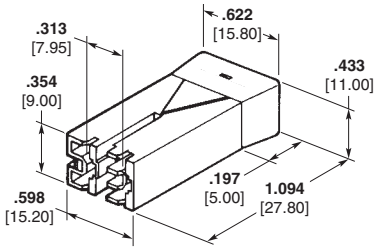
### Mark II
**250 Series**
**Receptacle Housings**
**2 Circuit**




A



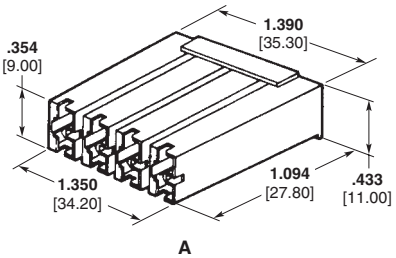

B




C

| Style | Material | UL 94 | Color | | | Part Number |
|---|---|---|---|---|---|---|
| A | 6/6 Nylon | V2 | Natural | X | X | 520935-1 |
| | | | Red | X | X | 520935-2 |
| | | | Black | — | — | 520935-3 |
| | | | Green | — | — | 520935-4 |
| | | | Blue | — | — | 520935-5 |
| | | | Yellow | — | — | 520935-6 |
| | | | Brown | — | — | 520935-7 |
| | | V0 | Natural | — | — | 1-520935-1 |
| | | | Red | — | — | 1-520935-2 |
| | | | Blue | — | — | 1-520935-5 |
| B | 6/6 Nylon | V0 | Natural | X | X | 521229-1 |
| | | | Red | — | — | 521229-2 |
| | | V2 | Natural | — | — | 521588-1 |
| C | 6/6 Nylon | V0 | Natural | — | — | 178833-1 |
| | | | Yellow | — | — | 178833-4 |
| | | | Blue | — | — | 178833-6 |
| | | | Red | — | — | 178833-7 |

### Mark II
**250 Series**
**Receptacle Housings**
**4 Circuit**




A

| Style | Material | UL 94 | Color | | | Part Number |
|---|---|---|---|---|---|---|
| A | 6/6 Nylon | V2 | Natural | X | X | 174429-1 |

**Note:** All part numbers are RoHS compliant.





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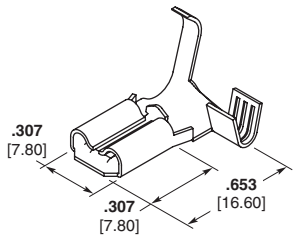
USA: 1-800-522-6752
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## Positive Lock Receptacles (Continued)

### Mark II

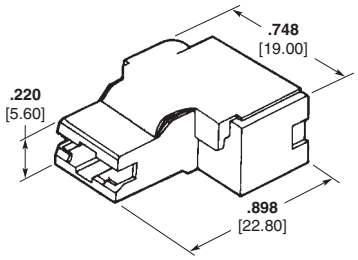
**250 Series**
**Flag Receptacles**
**Stock Thickness** — .016 [0.41]
**Fits Tab** — .032 [0.81]




| Wire Range AWG | Insulation Diameter | Material and Finish | UL | CSA | TÜV | Terminal Part No. |
|---|---|---|---|---|---|---|
| 22-18 | **0.59-.110** 1.50-2.80 | Pre-Tin Brass | X | — | X | 172761-1 |
| 18-14 | **.110-.205** 2.80-5.20 | Pre-Tin Brass | X | — | X | 172763-1 |
| 12-10 | **.110-.205** 2.80-5.20 | Pre-Tin Brass | X | — | X | 172765-1 |

### Mark II

**250 Series**
**Flag Style Receptacle Housing**
**1 Circuit**




**A**

| Style | Material | UL 94 | Color | TÜV | CSA | Part Number |
|---|---|---|---|---|---|---|
| A | 6/6 Nylon | V2 | Natural | X | X | 172469-1 |
| | | | Blue | X | X | 172469-2 |
| | | | Green | — | — | 172469-4 |
| | | | Red | — | — | 172469-7 |
| | | V0 | Natural | — | — | 1-172469-1 |
| | | | Blue | — | — | 1-172469-2 |
| | | | Yellow | — | — | 1-172469-3 |

**Note:** All part numbers are RoHS compliant.





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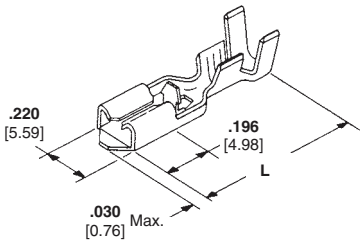
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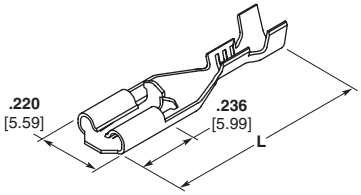
South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080-208

## Positive Lock Receptacles (Continued)

### Mark II
**187 Series**
**Straight Receptacles**




A

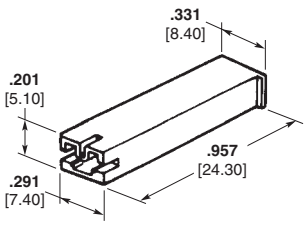



B

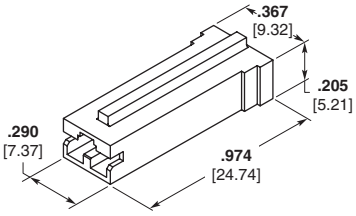
| Wire Range AWG | Style | Tab Fit | Insulation Diameter | Material and Finish | Stock Thickness | L (Overall Length) | UL | CSA | Terminal Part No. |
|---|---|---|---|---|---|---|---|---|---|
| 24-20 | A | **.020** 0.51 | **.060-.110** 1.52-2.79 | Brass, Post Tin Plated | **.012** 0.30 | **.755** 19.17 | X | X | 63196-1 |
| | B | **.020** 0.51 | **.060-.105** 1.52-2.67 | Pre-Tin Brass | **.012** 0.30 | **.850** 21.60 | X | X | 170324-1 |
| | A | **.020** 0.51 | **.060-.110** 1.52-2.79 | Pre-Tin Brass | **.012** 0.30 | **.755** 19.17 | X | X | 63407-2[1] |
| | B | **.020** 0.51 | **.060-.105** 1.52-2.67 | Phos. Bronze, Nickel Plated | **.012** 0.30 | **.850** 21.60 | X | X | 170324-2 |
| | | **.020** 0.51 | **.060-.105** 1.52-2.67 | Pre-Tin Phos. Bronze | **.012** 0.30 | **.850** 21.60 | — | — | 170324-5 |
| 20-16 | B | **.020** 0.51 | **.074-.134** 1.87-3.40 | Pre-Tin Brass | **.012** 0.30 | **.850** 21.60 | X | X | 170325-1 |
| | | **.020** 0.51 | **.074-.134** 1.87-3.40 | Pre-Tin Phos. Bronze | **.012** 0.30 | **.850** 21.60 | — | — | 170325-3 |
| | A | **.020** 0.51 | **.090-.130** 2.29-3.30 | Brass, Tin Plated | **.012** 0.30 | **.755** 19.17 | X | X | 63195-1 |
| | | **.020** 0.51 | **.090-.130** 2.29-3.30 | Brass, Pre-Tin | **.012** 0.30 | **.755** 19.17 | X | X | 63232-1[1] |
| | | **.032** 0.81 | **.060-.110** 1.52-2.79 | Brass, Tin Plated | **.012** 0.30 | **.740** 18.80 | X | X | 63498-1[2] |
| | | **.032** 0.81 | **.090-.130** 2.29-3.30 | Brass, Tin Plated | **.012** 0.30 | **.755** 19.17 | X | X | 63313-1[1] |
| 18-14 (2) 18 | B | **.020** 0.51 | **.083-.142** 2.11-3.61 (2) **.216** 5.49 | Brass, Pre-Tin | **.012** 0.30 | **.850** 21.60 | — | — | 170326-1 |

[1] Low profile — not for use in housing.
[2] For use with housing 521125.

### Mark II
**187 Series**
**Receptacle Housings**
**1 Circuit**




**A — Use with (.187 x .020 [4.74 x 0.51])**




**B — Use with (.187 x .032 [4.75 x 0.81])**

| Style | Material | UL 94 | Color | UL | CSA | Part Number |
|---|---|---|---|---|---|---|
| A | 6/6 Nylon | V2 | Natural | X | X | 172074-1 |
| | | | Black | — | — | 172074-2 |
| | | | Yellow | — | — | 172074-4 |
| | | | Green | — | — | 172074-5 |
| | | | Blue | — | — | 172074-6 |
| | | | Red | — | — | 172074-7 |
| | | V0 | Natural | X | X | 173974-1 |
| | | | Black | — | — | 173974-2 |
| | | | Yellow | — | — | 173974-4 |
| | | | Green | — | — | 173974-5 |
| | | | Blue | — | — | 173974-6 |
| | | | Red | — | — | 173974-7 |
| B | 6/6 Nylon | V2 | Natural | — | — | 521125-1 |

**Note:** All part numbers are RoHS compliant.





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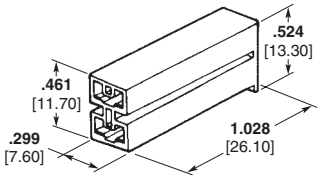
Dimensions are shown for reference purposes only. Specifications subject to change.

USA: 1-800-522-6752
Canada: 1-905-470-4425
Mexico: 01-800-733-8926
C. America: 52-55-1106-0803

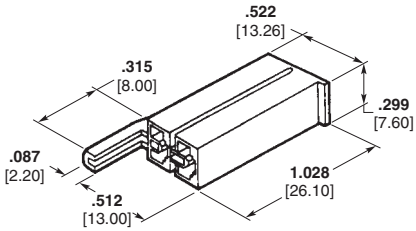
South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080-208

## Positive Lock Receptacles (Continued)

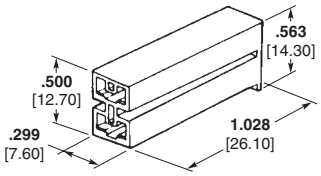
### Mark II
**187 Series**
**Receptacle Housings**
**2 Circuit**



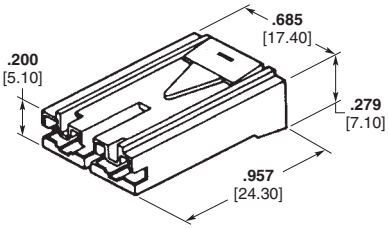

**A — 6 mm Pitch**



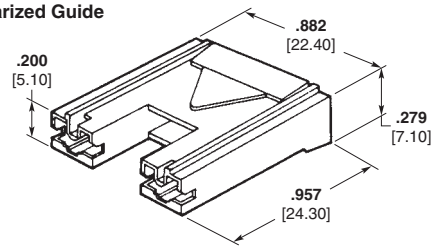

**B — 6 mm Pitch, with Polarized Guide**




**C — 7 mm Pitch**



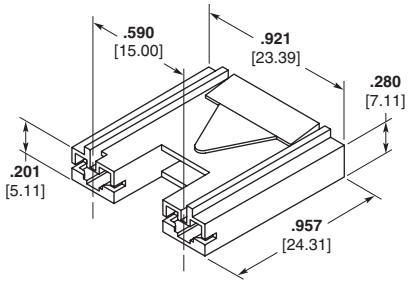

**D — 10 mm Pitch**



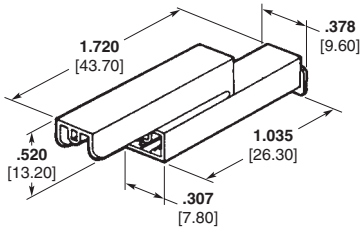

**E — 15 mm Pitch, for Electro-Magnetic**

| Style | Material | UL 94 | Color | UL | CSA | Part Number |
|---|---|---|---|---|---|---|
| A | 6/6 Nylon | V2 | Natural | — | — | 172210-1 |
| | | | Black | — | — | 172210-2 |
| | | | Yellow | — | — | 172210-4 |
| | | | Blue | — | — | 172210-6 |
| | | V0 | Natural | X | X | 1-172210-1 |
| | | | Black | X | X | 1-172210-2 |
| | | | Yellow | — | — | 1-172210-4 |
| | | | Green | — | — | 1-172210-5 |
| | | | Blue | — | — | 1-172210-6 |
| | | | Red | — | — | 1-172210-7 |
| B | 6/6 Nylon | V2 | Natural | X | X | 174587-1 |
| | | | Yellow | — | — | 174587-4 |
| | | V0 | Natural | — | — | 1-174587-1 |
| | | | Yellow | — | — | 1-174587-4 |
| | | | Green | — | — | 1-174587-5 |
| | | | Blue | — | — | 1-174587-6 |
| | | | Red | — | — | 1-174587-7 |

| Style | Material | UL 94 | Color | UL | CSA | Part Number |
|---|---|---|---|---|---|---|
| C | 6/6 Nylon | V2 | Natural | X | X | 175578-1 |
| | | | Black | — | — | 175578-2 |
| | | | Yellow | X | X | 175578-4 |
| | | | Blue | — | — | 175578-6 |
| | | V0 | Natural | — | — | 1-175578-1 |
| | | | Black | — | — | 1-175578-2 |
| | | | Yellow | — | — | 1-175578-4 |
| | | | Green | — | — | 1-175578-5 |
| | | | Blue | — | — | 1-175578-6 |
| | | | Red | — | — | 1-175578-7 |
| D | 6/6 Nylon | V0 | Natural | — | — | 179720-1 |
| | | | Black | — | — | 179720-2 |
| | | | Yellow | — | — | 179720-4 |
| | | | Blue | — | — | 179720-6 |
| | | | Red | — | — | 179720-7 |
| E | 6/6 Nylon | V0 | Natural | X | X | 176498-1 |
| | | | Black | — | — | 176498-2 |
| | | | Yellow | — | — | 176498-4 |
| | | | Blue | — | — | 176498-6 |




**F — 16 mm Pitch**




**G — For Microswitch**

| Style | Material | UL 94 | Color | UL | CSA | Part Number |
|---|---|---|---|---|---|---|
| F | 6/6 Nylon | V0 | Natural | — | — | 353148-1 |
| | | | Yellow | — | — | 353148-4 |
| | | | Green | — | — | 353148-5 |
| | | | Blue | — | — | 353148-6 |
| G | 6/6 Nylon | V2 | Natural | X | X | 174712-1 |
| | | V0 | Natural | — | — | 1-174712-1 |
| | | | Yellow | — | — | 1-174712-4 |
| | | | Blue | — | — | 1-174712-6 |
| | | | Red | — | — | 1-174712-7 |

**Note:** All part numbers are RoHS compliant.





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C. America: 52-55-1106-0803

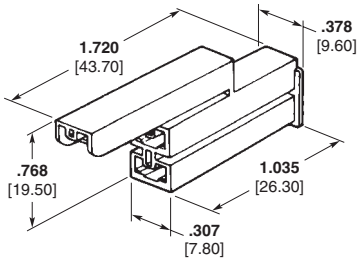
South America: 55-11-2103-6000
Hong Kong: 852-2735-1628
Japan: 81-44-844-8013
UK: 44-8706-080-208

## Positive Lock Receptacles (Continued)

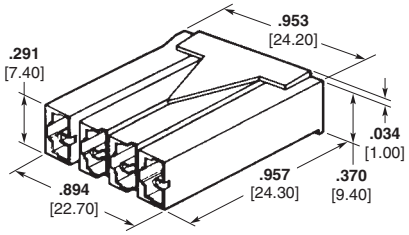
### Mark II

**187 Series**
**Receptacle Housings**

**3 Circuit and**
**4 Circuit**




**A — 3 Circuit**
**For Micro-Switch**




**B — 4 Circuit**
**For Timer**

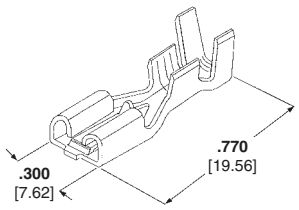
| Style | Material | UL 94 | Color | | | Part Number |
|---|---|---|---|---|---|---|
| A | 6/6 Nylon | V2 | Natural | X | X | 172075-1 |
| | | | Yellow | X | X | 172075-4 |
| | | | Blue | — | — | 172075-6 |
| | | V0 | Natural | — | — | 1-172075-1 |
| | | | Yellow | — | — | 1-172075-4 |
| B | 6/6 Nylon | V0 | Natural | X | X | 174513-1 |

**Note:** All part numbers are RoHS compliant.

## Positive Lock Receptacles (Continued)

### Mark III
**250 Series Receptacles**

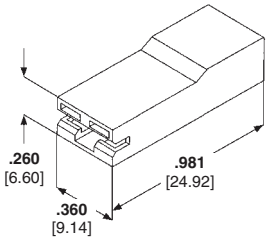
**Stock Thickness** — .016
**Accepts .032 Tab**



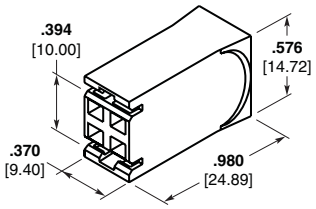

| Wire Range AWG | Insulation Diameter | Material and Finish | | | Part Number | |
|---|---|---|---|---|---|---|
| | | | | | Receptacles | Quick Change Applicator No.[1] |
| 22-18 | .060-.110 1.52-2.79 | Brass | X | X | 63933-1 | 680161-2 |
| | | Brass/Tin | X | X | 63933-2 | 680161-2 |
| 18-14 | .090-.155 2.28-3.93 | Brass | X | X | 63854-1 | 680411-2 |
| | | Brass/Tin | X | X | 63854-2 | 680411-2 |
| 16-12 or (2) 18 or (2) 16 or (1) 18 and (1) 16 | .120-.170 3.04-4.31 | Brass | X | X | 1217092-1 | 680646-2 |
| | | Brass/Tin | X | X | 1217092-2 | 680646-2 |

[1] Quick-Change applicator Part No. with -1 is for a "T" terminating unit used in automatic machines; -2 is for a "K" AMP-O-LECTRIC bench machine.

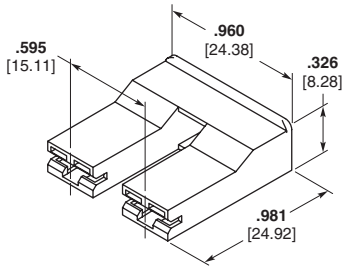
### Mark III
**Receptacle Housings**



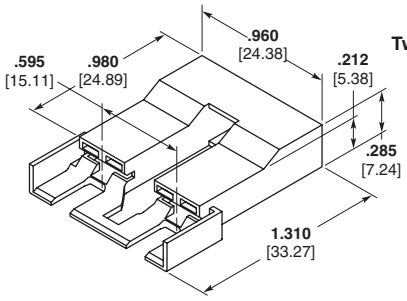

One Circuit Housing
**A**



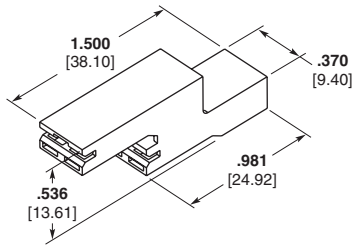

Two Circuit Wax Motor Housing
**B**




Two Circuit Water Valve Housing
**C**




Two Circuit Water Valve Housing with Latch
**D**




Two Circuit Housing
**E**

| Style | Material | UL 94[1] | Color[2] | Part Number | Accepts | | |
|---|---|---|---|---|---|---|---|
| A | Nylon | V2 | Natural | 521120-1 | 250 Series Positive Lock Mark III Terminals. | X | X |
| B | Nylon | V0 | Natural | 521766-1 | 250 Series FASTON and Positive Lock Mark III Terminals. Examples include 63306 and 63854. | X | X |
| D | Nylon | V2 | Natural | 521253-1 | 250 Series FASTON and Positive Lock Mark III Terminals. Examples Include 63306 and 63854 | X | X |
| | | | Red | 521253-2 | | X | X |
| | | V0 | Red | 1-521253-2 | | X | X |
| | | | Green | 1-521253-3 | | X | X |
| | | | Blue | 1-521253-7 | | X | X |
| C | Nylon | V2 | Natural | 521119-1 | | X | X |
| | | | Putty | 521119-2 | | | |
| | | | Blue | 521119-4 | | | |
| E | Nylon | V0 | Natural | 521955-1 | 250 Series MK III Positive Lock Receptacles 63993, 63854, 1217092 | X | X |

**Note:** All part numbers are RoHS compliant.





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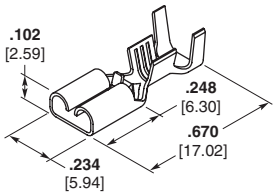
Dimensions are shown for reference purposes only. Specifications subject to change.

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Mexico: 01-800-733-8926
C. America: 52-55-1106-0803

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Japan: 81-44-844-8013
UK: 44-8706-080-208

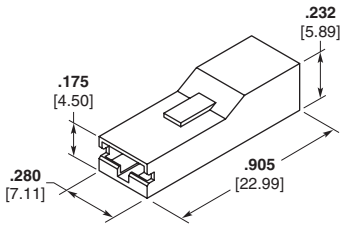
## Positive Lock Receptacles (Continued)

### Mark III
**187 Series Receptacles**

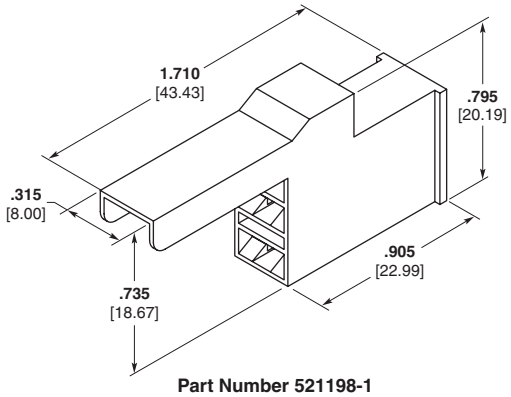



| Wire Range AWG | Insulation Dia. | Mating Tab Thickness | Material and Finish | Terminal Part No. | UL | CSA | Applicator |
|---|---|---|---|---|---|---|---|
| 22-18 | **.090-.130** 2.29-3.30 | **.020** 0.51 | Tin Plated Brass | 1217113-2 | — | — | 680645-2 |
| | | **.032** 0.81 | Tin Plated Brass | 1217097-2 | — | — | 680645-2 |
| 18-14 | **.150-.200** 3.81-5.08 | **.020** 0.51 | Brass | 1217114-1 | — | — | 680652-2 |
| | | **.020** 0.51 | Tin Plated Brass | 1217114-2 | — | — | 680652-2 |
| 18-14 (2) 18 | **.150-.200** 3.81-5.08 | **.032** 0.81 | Brass | 1217096-1 | X | X | 680652-2 |

### Mark III
**187 Series Receptacle Housings**




**Part Number 521187-1**

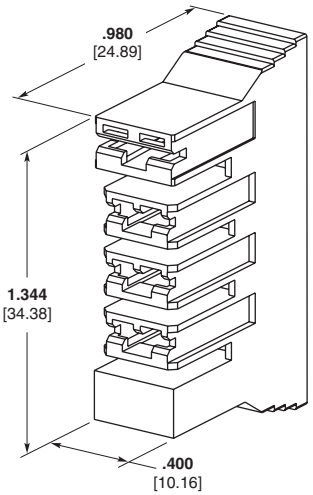



**Part Number 521198-1**

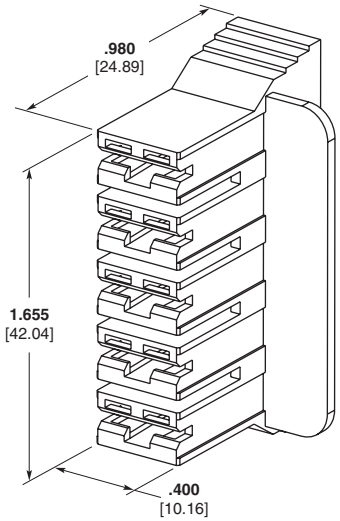
| Material | UL 94 | Color | UL | CSA | Part Number |
|---|---|---|---|---|---|
| Nylon | V2 | Natural | X | X | 521187-1 |
| Nylon | V2 | Natural | X | — | 521198-1 |

### Mark III
**HVAC Motor Receptacle Housings**

| Material | Color | UL | CSA | Part Number |
|---|---|---|---|---|
| Nylon | Natural | X | X | 521780-1 |
| Nylon | Natural | X | X | 521781-1 |




**Part Number 521781-1**
**4-Position**




**Part Number 521780-1**
**5-Position**

**Note:** All part numbers are RoHS compliant.





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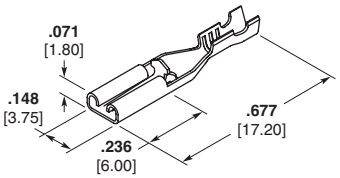
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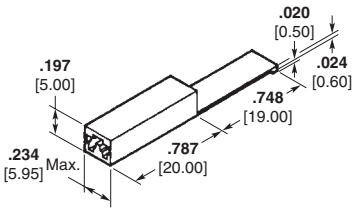
## Positive Lock Receptacles (Continued)

### 110 Series
### Straight Receptacles

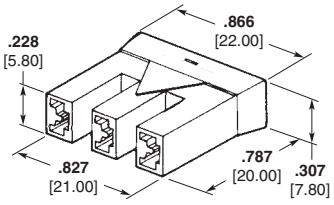



| Wire Range AWG | Tab Fit | Insulation Diameter | Material and Finish | Stock Thickness | UL | CSA | Terminal Part No. |
|---|---|---|---|---|---|---|---|
| 24-20 | **.020**<br>0.51 | **.040-.070**<br>1.02-1.78 | Pre-Tin Brass | **.010**<br>0.25 | — | — | 175411-1 |
| 20-16 | **.020**<br>0.51 | **.080-.122**<br>2.03-3.10 | Pre-Tin Brass | **.010**<br>0.25 | — | — | 174777-1 |

### Receptacle Housing
**Applicable Contact**
**Part Number 175411, 174777**




**A — For 1 Circuit**



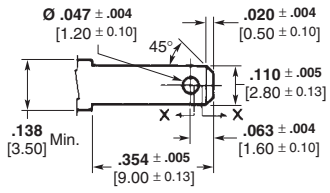

**B — For 3 Circuit**

| Style | Material | UL 94 | Color | UL | CSA | Part Number |
|---|---|---|---|---|---|---|
| A | 6/6 Nylon | V2 | Natural | X | X | 174779-1 |
| B | 6/6 Nylon | V0 | Natural | — | — | 178832-1 |
| | | | Yellow | — | — | 178832-4 |
| | | | Blue | — | — | 178832-6 |
| | | | Red | — | — | 178832-7 |

### Tab Dimension
### For Signal Circuit

#### For 1 Circuit

**Top View**

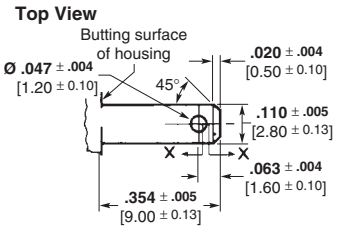



**Side View**

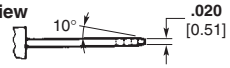



**Type A**
(When using tab shoulder for butting)

**Top View**

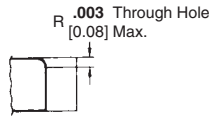



**Side View**

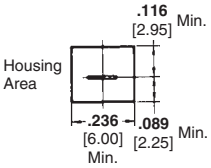



**Type B**
(When using resin, etc., for butting)

Sagging of the tab's hole must not exceed 0.08 mm.

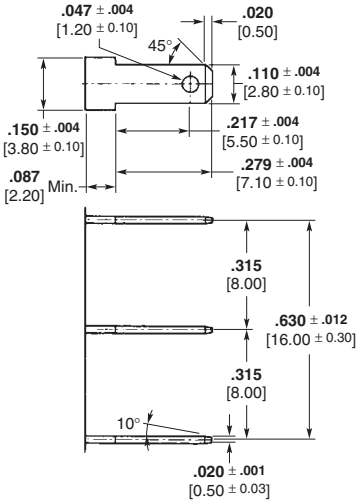



**Section X-X**




**Housing Outline**

#### For 3 Circuit




**Note:** All part numbers are RoHS compliant.





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Hong Kong: 852-2735-1628
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Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

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