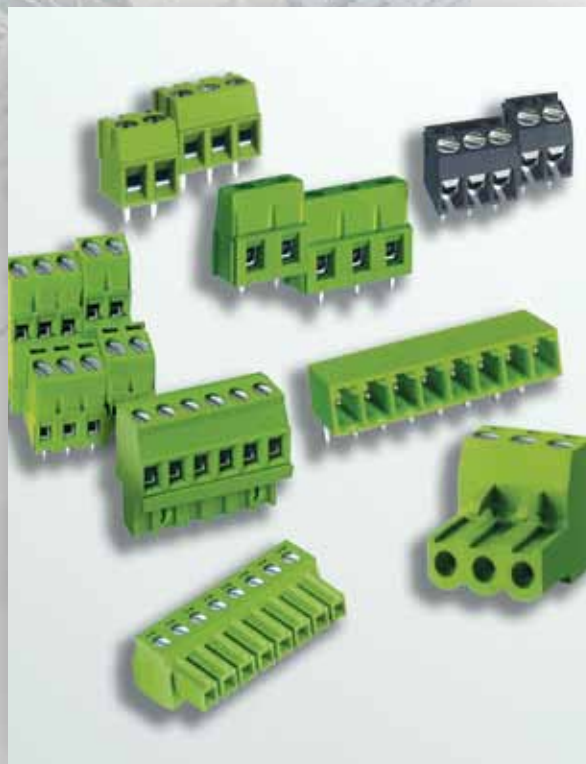




## PRINTED CIRCUIT BOARD TERMINAL BLOCKS & CONNECTORS

AEI OFFERS SINGLE AND DUAL LEVEL TERMINAL BLOCKS FOR PRINTED CIRCUIT BOARDS ON 3.5MM, 5.0MM, .08MM, 7.5MM AND 7.62MM IN MODULAR 2 OR 3 POLE DESIGNS. CONNECTORS ARE OFFERED FROM 3.50MM, 3.81MM, 5.00MM AND 5.08MM VERSIONS IN 90° AND 180° CONFIGURATION UP TO 24 POLES.



# PRINTED CIRCUIT BOARD

## TERMINAL BLOCKS

### SINGLE LEVEL • 90° • PITCH: 3.50 MM

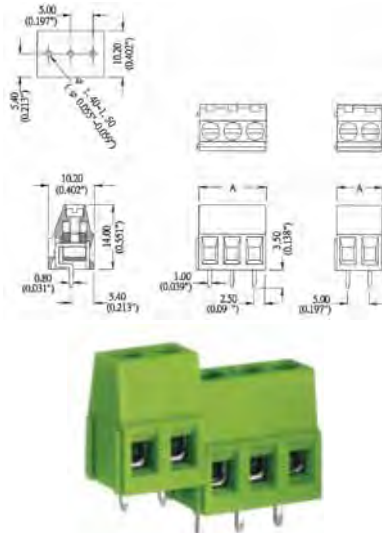


#### TECHNICAL

|                               |                          |
|-------------------------------|--------------------------|
| TERMINAL:                     | BRASS, TIN PLATED        |
| WIRE PROTECTOR:               | STAINLESS STRIP STEEL    |
| INSULATING BODY:              | POLYESTER                |
| SCREW:                        | M2.0, STEEL, CHROMATIZED |
| COLOR:                        | BLACK                    |
| OPERATION TEMPERATURE:        | -33°C TO +105°C          |
| SHORT-TIME TEMPERATURE:       | UP TO 200°C (+392°F)     |
| CURRENT RATING:               | 6 AMP AC300V             |
| INSULATION WITHSTANDING VOLT: | AC1500V MIN              |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V         |
| PCB HOLE DIAMETER:            | φ 1.4 MM                 |
| WIRE STRIP LENGTH:            | 4MM - 5MM                |
| WIRE RANGE:                   | 16 - 26 AWG              |
| SCREWS TORQUE:                | 2.5 LB-INCH              |

| ITEM NO.           | POLES | A (MM) | A (INCH) |
|--------------------|-------|--------|----------|
| <b>T-212-350M2</b> | 2     | 7.00   | 0.276    |
| <b>T-212-350M3</b> | 3     | 10.50  | 0.413    |

### SINGLE LEVEL • 90° • PITCH: 5.00 MM

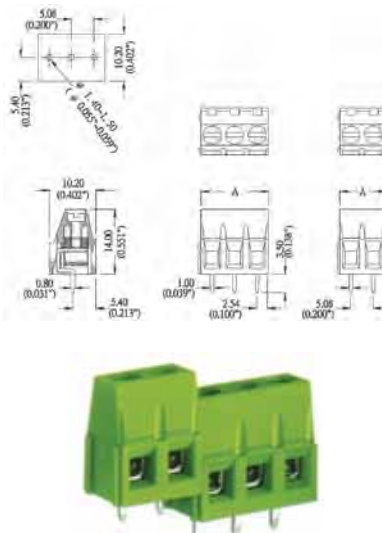


#### TECHNICAL

|                               |                         |
|-------------------------------|-------------------------|
| CAGE CLAMP:                   | BRASS, NI PLATED        |
| TERMINAL:                     | BRASS, TIN PLATED, 0.8T |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)   |
| SCREW:                        | M2.6, STEEL, NI PLATED  |
| COLOR:                        | GREEN                   |
| OPERATION TEMPERATURE:        | -55°C TO +105°C         |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)    |
| CURRENT RATING:               | 16 AMP AC300V           |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN             |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V        |
| PCB HOLE DIAMETER:            | φ 1.4 MM - φ 1.5 MM     |
| WIRE STRIP LENGTH:            | 4MM - 5MM               |
| WIRE RANGE:                   | 14 - 24 AWG             |
| SCREWS TORQUE:                | 5.0 LB-INCH             |

| ITEM NO.           | POLES | A (MM) | A (INCH) |
|--------------------|-------|--------|----------|
| <b>T-312-500M2</b> | 2     | 10.00  | 0.394    |
| <b>T-312-500M3</b> | 3     | 15.00  | 0.591    |

### SINGLE LEVEL • 90° • PITCH: 5.08 MM



#### TECHNICAL

|                               |                         |
|-------------------------------|-------------------------|
| TERMINAL:                     | BRASS, NI PLATED        |
| WIRE PROTECTOR:               | BRASS, TIN PLATED, 0.8T |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)   |
| SCREW:                        | M2.6, STEEL, NI PLATED  |
| COLOR:                        | GREEN                   |
| OPERATION TEMPERATURE:        | -55°C TO +105°C         |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)    |
| CURRENT RATING:               | 16 AMP AC300V           |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN             |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V        |
| PCB HOLE DIAMETER:            | φ 1.4 MM - φ 1.5 MM     |
| WIRE STRIP LENGTH:            | 4MM - 5MM               |
| WIRE RANGE:                   | 14 - 24 AWG             |
| SCREWS TORQUE:                | 5.0 LB-INCH             |

| ITEM NO.           | POLES | A (MM) | A (INCH) |
|--------------------|-------|--------|----------|
| <b>T-312-508M2</b> | 2     | 10.16  | 0.400    |
| <b>T-312-508M3</b> | 3     | 15.24  | 0.600    |



## PRINTED CIRCUIT BOARD

### TERMINAL BLOCKS

#### SINGLE LEVEL • 90° • PITCH: 7.50 MM

##### TECHNICAL

|                               |                         |
|-------------------------------|-------------------------|
| CAGE CLAMP:                   | BRASS, NI PLATED        |
| TERMINAL:                     | BRASS, TIN PLATED, 0.8T |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)   |
| SCREW:                        | M2.6, STEEL, NI PLATED  |
| COLOR:                        | GREEN                   |
| OPERATION TEMPERATURE:        | -55°C TO +105°C         |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)    |
| CURRENT RATING:               | 16 AMP AC300V           |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN             |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V        |
| PCB HOLE DIAMETER:            | φ 1.4 MM - φ 1.5 MM     |
| WIRE STRIP LENGTH:            | 4MM - 5MM               |
| WIRE RANGE:                   | 14 - 24 AWG             |
| SCREWS TORQUE:                | 5.0 LB-INCH             |

| ITEM NO.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|
| T-312-750M2 | 2     | 15.00  | 0.591    |
| T-312-750M3 | 3     | 22.50  | 0.886    |

#### SINGLE LEVEL • 90° • PITCH: 7.62 MM

##### TECHNICAL

|                               |                         |
|-------------------------------|-------------------------|
| CAGE CLAMP:                   | BRASS, NI PLATED        |
| TERMINAL:                     | BRASS, TIN PLATED, 0.8T |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)   |
| SCREW:                        | M2.6, STEEL, NI PLATED  |
| COLOR:                        | GREEN                   |
| OPERATION TEMPERATURE:        | -55°C TO +105°C         |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)    |
| CURRENT RATING:               | 16 AMP AC300V           |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN             |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V        |
| PCB HOLE DIAMETER:            | φ 1.4 MM - φ 1.5 MM     |
| WIRE STRIP LENGTH:            | 4MM - 5MM               |
| WIRE RANGE:                   | 14 - 24 AWG             |
| SCREWS TORQUE:                | 5.0 LB-INCH             |

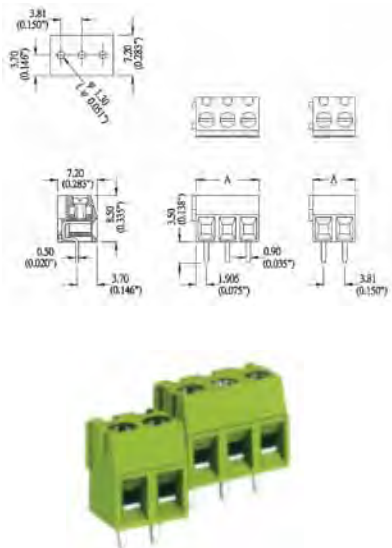
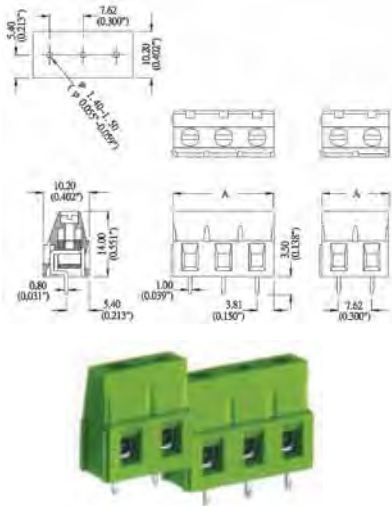
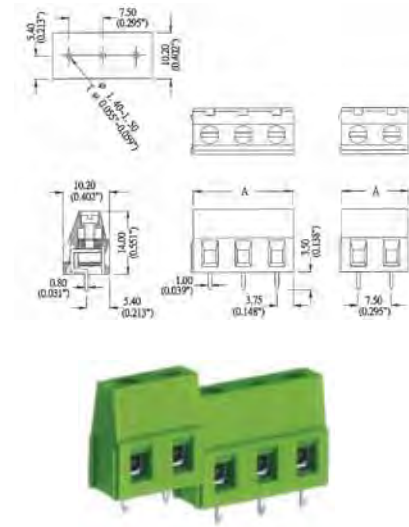
| ITEM NO.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|
| T-312-762M2 | 2     | 15.24  | 0.600    |
| T-312-762M3 | 3     | 22.86  | 0.900    |

#### SINGLE LEVEL • 90° • PITCH: 3.81 MM

##### TECHNICAL

|                               |                         |
|-------------------------------|-------------------------|
| CAGE CLAMP:                   | BRASS, NI PLATED        |
| TERMINAL:                     | BRASS, TIN PLATED, 0.5T |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)   |
| SCREW:                        | M2.0, STEEL, NI PLATED  |
| COLOR:                        | GREEN                   |
| OPERATION TEMPERATURE:        | -55°C TO +105°C         |
| SHORT-TIME TEMPERATURE:       | UP TO 200°C (+392°F)    |
| CURRENT RATING:               | 8 AMP AC300V            |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN             |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V        |
| PCB HOLE DIAMETER:            | φ 1.3                   |
| WIRE STRIP LENGTH:            | 4MM - 5MM               |
| WIRE RANGE:                   | 16 - 26 AWG             |
| SCREWS TORQUE:                | 2.5 LB-INCH             |

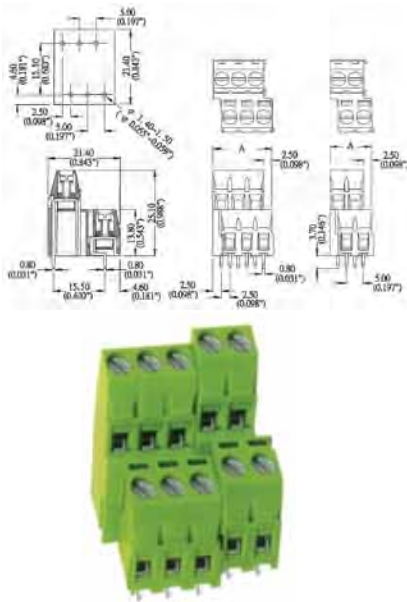
| ITEM NO.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|
| T-332-381M2 | 2     | 7.62   | 0.300    |
| T-332-381M3 | 3     | 11.43  | 0.450    |



## PRINTED CIRCUIT BOARD

### TERMINAL BLOCKS

#### DOUBLE LEVEL • 90° • PITCH: 5.00 MM

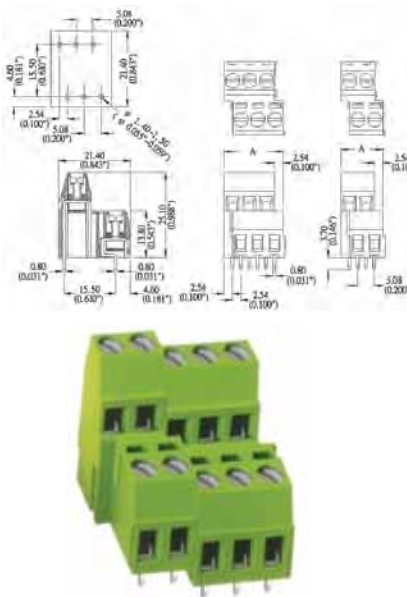


##### TECHNICAL

|                               |                             |
|-------------------------------|-----------------------------|
| CAGE CLAMP:                   | BRASS, NI PLATED            |
| TERMINAL:                     | BRASS, TIN PLATED, 0.8T     |
| INSULATING                    | BODY: POLYAMIDE66 (UL94V-0) |
| SCREW:                        | M2.6, STEEL, NI PLATED      |
| COLOR:                        | GREEN                       |
| OPERATION TEMPERATURE:        | -55°C TO +105°C             |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)        |
| CURRENT RATING:               | 16 AMP AC300V               |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN                 |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V            |
| PCB HOLE DIAMETER:            | φ 1.4 MM - φ 1.5 MM         |
| WIRE STRIP LENGTH:            | 4MM - 5MM                   |
| WIRE RANGE:                   | 14 - 24 AWG                 |
| SCREWS TORQUE:                | 4.5 LB-INCH                 |

| ITEM NO.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|
| T-362-500M2 | 2     | 12.50  | 0.492    |
| T-362-500M3 | 3     | 17.50  | 0.689    |

#### DOUBLE LEVEL • 90° • PITCH: 5.08 MM



##### TECHNICAL

|                               |                         |
|-------------------------------|-------------------------|
| CAGE CLAMP:                   | BRASS, NI PLATED        |
| TERMINAL:                     | BRASS, TIN PLATED, 0.8T |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)   |
| SCREW:                        | M2.6, STEEL, NI PLATED  |
| COLOR:                        | GREEN                   |
| OPERATION TEMPERATURE:        | -55°C TO +105°C         |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)    |
| CURRENT RATING:               | 16 AMP AC300V           |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN             |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V        |
| PCB HOLE DIAMETER:            | φ 1.4 MM - φ 1.5 MM     |
| WIRE STRIP LENGTH:            | 4MM - 5MM               |
| WIRE RANGE:                   | 14 - 24 AWG             |
| SCREWS TORQUE:                | 4.5 LB-INCH             |

| ITEM NO.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|
| T-362-508M2 | 2     | 12.70  | 0.500    |
| T-362-508M3 | 3     | 17.78  | 0.700    |





## PRINTED CIRCUIT BOARD

### PLUGS

#### PLUGS • 180°

##### TECHNICAL

|                               |                                   |
|-------------------------------|-----------------------------------|
| CAGE CLAMP:                   | BRASS, NI PLATED                  |
| CONTACT:                      | PHOSPHOR BRONZE, TIN PLATED, 0.4T |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)             |
| SCREW:                        | M3.0, STEEL, ZINC PLATED          |
| COLOR:                        | GREEN                             |
| OPERATION TEMPERATURE:        | -55°C TO +105°C                   |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)              |
| CURRENT RATING:               | 16 AMP AC300V                     |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN                       |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V                  |
| WIRE STRIP LENGTH:            | 4 MM - 5 MM                       |
| WIRE RANGE:                   | 14 - 24 AWG                       |
| SCREWS TORQUE:                | 4.5 LB-INCH                       |

#### PITCH: 5.00 MM

| ITEM No.    | POLES | A (MM) | A (INCH) | ITEM No.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|-------------|-------|--------|----------|
| P-100-50002 | 2     | 10.00  | 0.394    | P-100-50009 | 9     | 45.00  | 1.772    |
| P-100-50003 | 3     | 15.00  | 0.591    | P-100-50010 | 10    | 50.00  | 1.969    |
| P-100-50004 | 4     | 20.00  | 0.787    | P-100-50011 | 11    | 55.00  | 2.165    |
| P-100-50005 | 5     | 25.00  | 0.984    | P-100-50012 | 12    | 60.00  | 2.362    |
| P-100-50006 | 6     | 30.00  | 1.181    |             |       |        |          |
| P-100-50007 | 7     | 35.00  | 1.378    | P-100-50024 | 24    | 120.00 | 4.724    |
| P-100-50008 | 8     | 40.00  | 1.575    |             |       |        |          |

#### PITCH: 5.08 MM

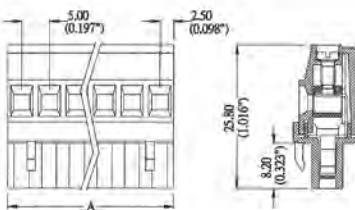
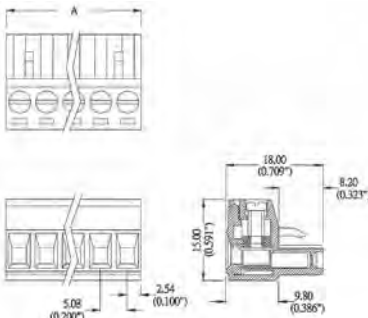
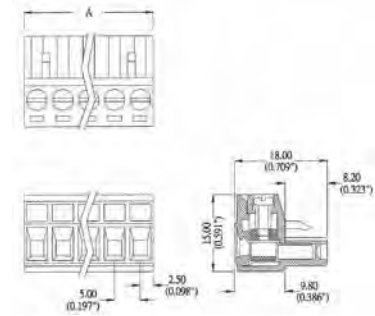
| ITEM No.    | POLES | A (MM) | A (INCH) | ITEM No.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|-------------|-------|--------|----------|
| P-100-50802 | 2     | 10.16  | 0.400    | P-100-50809 | 9     | 45.72  | 1.800    |
| P-100-50803 | 3     | 15.24  | 0.600    | P-100-50810 | 10    | 50.80  | 2.000    |
| P-100-50804 | 4     | 20.32  | 0.800    | P-100-50811 | 11    | 55.88  | 2.200    |
| P-100-50805 | 5     | 25.40  | 1.000    | P-100-50812 | 12    | 60.96  | 2.400    |
| P-100-50806 | 6     | 30.48  | 1.200    |             |       |        |          |
| P-100-50807 | 7     | 35.56  | 1.400    | P-100-50824 | 24    | 121.92 | 4.800    |
| P-100-50808 | 8     | 40.64  | 1.600    |             |       |        |          |

#### PLUGS • 90° • PITCH: 5.00 MM

##### TECHNICAL

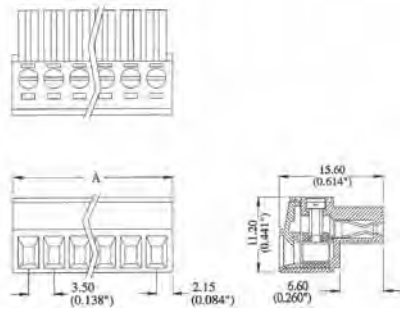
|                               |                                   |
|-------------------------------|-----------------------------------|
| CAGE CLAMP:                   | BRASS, NI PLATED                  |
| CONTACT:                      | PHOSPHOR BRONZE, TIN PLATED, 0.4T |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)             |
| SCREW:                        | M2.6, STEEL, ZINC PLATED          |
| COLOR:                        | GREEN                             |
| OPERATION TEMPERATURE:        | -55°C TO +105°C                   |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)              |
| CURRENT RATING:               | 16 AMP AC300V                     |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN                       |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V                  |
| WIRE STRIP LENGTH:            | 7 MM                              |
| WIRE RANGE:                   | 14 - 24 AWG                       |
| SCREWS TORQUE:                | 4.5 LB-INCH                       |

| ITEM No.    | POLES | A (MM) | A (INCH) | ITEM No.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|-------------|-------|--------|----------|
| P-200-50002 | 2     | 10.00  | 0.394    | P-200-50009 | 9     | 45.00  | 1.772    |
| P-200-50003 | 3     | 15.00  | 0.591    | P-200-50010 | 10    | 50.00  | 1.969    |
| P-200-50004 | 4     | 20.00  | 0.787    | P-200-50011 | 11    | 55.00  | 2.165    |
| P-200-50005 | 5     | 25.00  | 0.984    | P-200-50012 | 12    | 60.00  | 2.362    |
| P-200-50006 | 6     | 30.00  | 1.181    |             |       |        |          |
| P-200-50007 | 7     | 35.00  | 1.378    | P-200-50024 | 24    | 120.00 | 4.724    |
| P-200-50008 | 8     | 40.00  | 1.575    |             |       |        |          |



# PRINTED CIRCUIT BOARD

## PLUGS

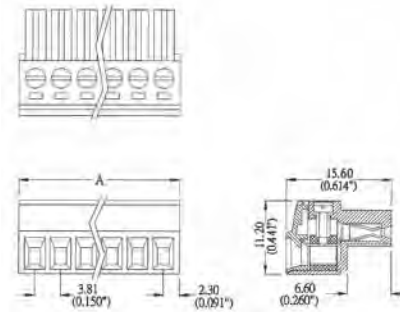


### PLUGS • 180° • PITCH: 3.50 MM

#### TECHNICAL

|                               |                                   |
|-------------------------------|-----------------------------------|
| CAGE CLAMP:                   | BRASS, NI PLATED                  |
| CONTACT:                      | PHOSPHOR BRONZE, TIN PLATED, 0.3T |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-O)             |
| SCREW:                        | M2.0, STEEL, ZINC                 |
| COLOR:                        | GREEN                             |
| OPERATION TEMPERATURE:        | -55°C TO +105°C                   |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)              |
| CURRENT RATING:               | 10 AMP AC300V                     |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN                       |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V                  |
| WIRE STRIP LENGTH:            | 6.5 MM                            |
| WIRE RANGE:                   | 16 - 26 AWG                       |
| SCREWS TORQUE:                | 2.5 LB-INCH                       |

| ITEM No.           | POLES | A (MM) | A (INCH) | ITEM No.           | POLES | A (MM) | A (INCH) |
|--------------------|-------|--------|----------|--------------------|-------|--------|----------|
| <b>P-420-35002</b> | 2     | 7.80   | 0.307    | <b>P-420-35009</b> | 9     | 32.30  | 1.272    |
| <b>P-420-35003</b> | 3     | 11.30  | 0.445    | <b>P-420-35010</b> | 10    | 35.80  | 1.409    |
| <b>P-420-35004</b> | 4     | 14.80  | 0.583    | <b>P-420-35011</b> | 11    | 39.30  | 1.547    |
| <b>P-420-35005</b> | 5     | 18.30  | 0.720    | <b>P-420-35012</b> | 12    | 42.80  | 1.685    |
| <b>P-420-35006</b> | 6     | 21.80  | 0.858    | <b>P-420-35013</b> | 13    | 46.30  | 1.823    |
| <b>P-420-35007</b> | 7     | 25.30  | 0.996    | <b>P-420-35014</b> | 14    | 49.80  | 1.961    |
| <b>P-420-35008</b> | 8     | 28.80  | 1.134    |                    |       |        |          |



### PLUGS • 180° • PITCH: 3.81 MM

#### TECHNICAL

|                               |                                   |
|-------------------------------|-----------------------------------|
| CAGE CLAMP:                   | BRASS, NI PLATED                  |
| CONTACT:                      | PHOSPHOR BRONZE, TIN PLATED, 0.3T |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-O)             |
| SCREW:                        | M2.0, STEEL, ZINC                 |
| COLOR:                        | GREEN                             |
| OPERATION TEMPERATURE:        | -55°C TO +105°C                   |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)              |
| CURRENT RATING:               | 10 AMP AC300V                     |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN                       |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V                  |
| WIRE STRIP LENGTH:            | 6.5 MM                            |
| WIRE RANGE:                   | 16 - 26 AWG                       |
| SCREWS TORQUE:                | 2.5 LB-INCH                       |

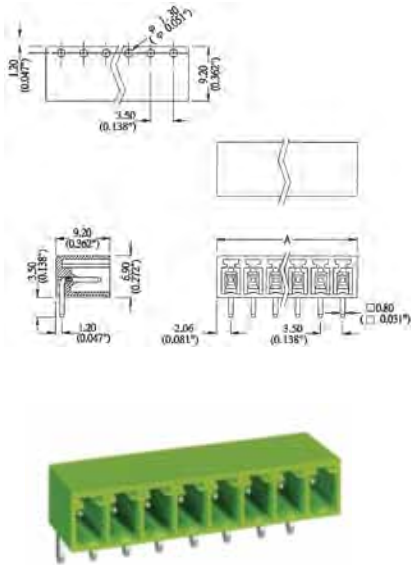
| ITEM No.           | POLES | A (MM) | A (INCH) | ITEM No.           | POLES | A (MM) | A (INCH) |
|--------------------|-------|--------|----------|--------------------|-------|--------|----------|
| <b>P-420-38102</b> | 2     | 8.41   | 0.331    | <b>P-420-38109</b> | 9     | 35.08  | 1.381    |
| <b>P-420-38103</b> | 3     | 12.22  | 0.481    | <b>P-420-38110</b> | 10    | 38.89  | 1.531    |
| <b>P-420-38104</b> | 4     | 16.03  | 0.631    | <b>P-420-38111</b> | 11    | 42.70  | 1.681    |
| <b>P-420-38105</b> | 5     | 19.84  | 0.781    | <b>P-420-38112</b> | 12    | 46.51  | 1.831    |
| <b>P-420-38106</b> | 6     | 23.65  | 0.931    |                    |       |        |          |
| <b>P-420-38107</b> | 7     | 27.46  | 1.081    | <b>P-420-38116</b> | 16    | 61.75  | 2.431    |
| <b>P-420-38108</b> | 8     | 31.27  | 1.231    |                    |       |        |          |



## PRINTED CIRCUIT BOARD

### HEADERS

HEADERS • CLOSED 90° • PITCH: 3.50 MM

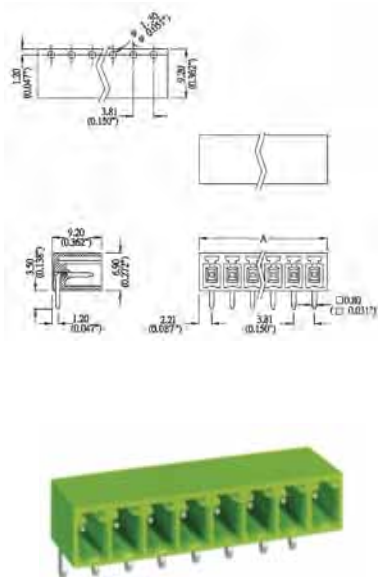


#### TECHNICAL

|                               |                           |
|-------------------------------|---------------------------|
| SOLDER PIN:                   | 0.8 MM, BRASS, TIN PLATED |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)     |
| COLOR:                        | GREEN                     |
| OPERATION TEMPERATURE:        | -55°C TO +105°C           |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)      |
| CURRENT RATING:               | 12 AMP AC300V             |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN               |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V          |
| PDB HOLE DIAMETER:            | φ 1.3 MM                  |

| ITEM No.    | POLES | A (MM) | A (INCH) | ITEM No.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|-------------|-------|--------|----------|
| H-030-35002 | 2     | 7.60   | 0.299    | H-030-35009 | 9     | 32.10  | 1.264    |
| H-030-35003 | 3     | 11.10  | 0.437    | H-030-35010 | 10    | 35.60  | 1.402    |
| H-030-35004 | 4     | 14.60  | 0.575    | H-030-35011 | 11    | 39.10  | 1.539    |
| H-030-35005 | 5     | 18.10  | 0.713    | H-030-35012 | 12    | 42.60  | 1.677    |
| H-030-35006 | 6     | 21.60  | 0.850    | H-030-35013 | 13    | 46.10  | 1.815    |
| H-030-35007 | 7     | 25.10  | 0.988    | H-030-35014 | 14    | 49.60  | 1.953    |
| H-030-35008 | 8     | 28.60  | 1.126    |             |       |        |          |

HEADERS • CLOSED 90° • PITCH: 3.81 MM



#### TECHNICAL

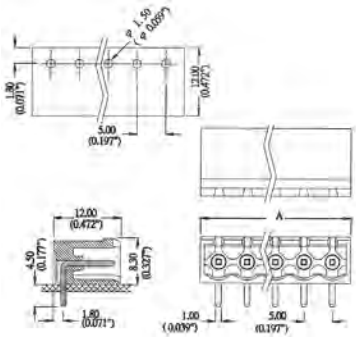
|                               |                           |
|-------------------------------|---------------------------|
| SOLDER PIN:                   | 0.8 MM, BRASS, TIN PLATED |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)     |
| COLOR:                        | GREEN                     |
| OPERATION TEMPERATURE:        | -55°C TO +105°C           |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)      |
| CURRENT RATING:               | 12 AMP AC300V             |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN               |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V          |
| PDB HOLE DIAMETER:            | φ 1.3 MM                  |

| ITEM No.    | POLES | A (MM) | A (INCH) | ITEM No.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|-------------|-------|--------|----------|
| H-030-38102 | 2     | 8.23   | 0.324    | H-030-38109 | 9     | 34.90  | 1.374    |
| H-030-38103 | 3     | 12.04  | 0.474    | H-030-38110 | 10    | 38.71  | 1.524    |
| H-030-38104 | 4     | 15.85  | 0.624    | H-030-38111 | 11    | 42.52  | 1.674    |
| H-030-38105 | 5     | 19.66  | 0.774    | H-030-38112 | 12    | 46.33  | 1.824    |
| H-030-38106 | 6     | 23.47  | 0.924    |             |       |        |          |
| H-030-38107 | 7     | 27.28  | 1.074    | H-030-38116 | 16    | 61.57  | 2.424    |
| H-030-38108 | 8     | 31.09  | 1.224    |             |       |        |          |

# PRINTED CIRCUIT BOARD

## HEADERS

HEADERS • CLOSED 90° • PITCH: 5.00 MM

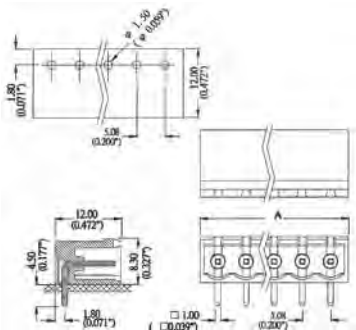


### TECHNICAL

|                               |                           |
|-------------------------------|---------------------------|
| SOLDER PIN:                   | 1.0 MM, BRASS, TIN PLATED |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)     |
| COLOR:                        | GREEN                     |
| OPERATION TEMPERATURE:        | -55°C TO +105°C           |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)      |
| CURRENT RATING:               | 12 AMP AC300V             |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN               |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V          |
| PDB HOLE DIAMETER:            | φ 1.5 MM                  |

| ITEM No.    | POLES | A (MM) | A (INCH) | ITEM No.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|-------------|-------|--------|----------|
| H-030-50002 | 2     | 11.60  | 0.457    | H-030-50009 | 9     | 46.60  | 1.835    |
| H-030-50003 | 3     | 16.60  | 0.654    | H-030-50010 | 10    | 51.60  | 2.031    |
| H-030-50004 | 4     | 21.60  | 0.850    | H-030-50011 | 11    | 56.60  | 2.228    |
| H-030-50005 | 5     | 26.60  | 1.047    | H-030-50012 | 12    | 61.60  | 2.425    |
| H-030-50006 | 6     | 31.60  | 1.244    |             |       |        |          |
| H-030-50007 | 7     | 36.60  | 1.441    | H-030-50016 | 16    | 121.60 | 4.787    |
| H-030-50008 | 8     | 41.60  | 1.638    |             |       |        |          |

HEADERS • CLOSED 90° • PITCH: 5.08 MM



### TECHNICAL

|                               |                           |
|-------------------------------|---------------------------|
| SOLDER PIN:                   | 1.0 MM, BRASS, TIN PLATED |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-0)     |
| COLOR:                        | GREEN                     |
| OPERATION TEMPERATURE:        | -55°C TO +105°C           |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)      |
| CURRENT RATING:               | 12 AMP AC300V             |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN               |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V          |
| PDB HOLE DIAMETER:            | φ 1.5 MM                  |

| ITEM No.    | POLES | A (MM) | A (INCH) | ITEM No.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|-------------|-------|--------|----------|
| H-030-50802 | 2     | 11.76  | 0.463    | H-030-50809 | 9     | 47.32  | 1.863    |
| H-030-50803 | 3     | 16.84  | 0.663    | H-030-50810 | 10    | 52.40  | 2.063    |
| H-030-50804 | 4     | 21.92  | 0.863    | H-030-50811 | 11    | 57.48  | 2.263    |
| H-030-50805 | 5     | 27.00  | 1.063    | H-030-50812 | 12    | 62.56  | 2.463    |
| H-030-50806 | 6     | 32.08  | 1.263    |             |       |        |          |
| H-030-50807 | 7     | 37.16  | 1.463    | H-030-50816 | 16    | 123.52 | 4.863    |
| H-030-50808 | 8     | 42.24  | 1.663    |             |       |        |          |





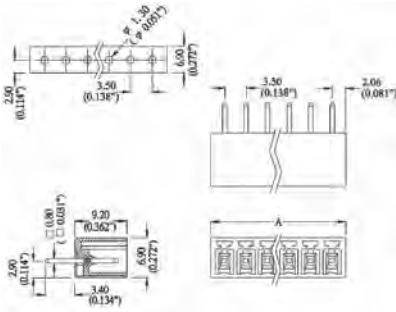
## PRINTED CIRCUIT BOARD

### HEADERS

#### HEADERS • CLOSED 180° • PITCH: 3.50 MM

##### TECHNICAL

|                               |                           |
|-------------------------------|---------------------------|
| SOLDER PIN:                   | 0.8 MM, BRASS, TIN PLATED |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-O)     |
| COLOR:                        | GREEN                     |
| OPERATION TEMPERATURE:        | -55°C TO +105°C           |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)      |
| CURRENT RATING:               | 12 AMP AC300V             |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN               |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V          |
| PDB HOLE DIAMETER:            | φ 1.3 MM                  |

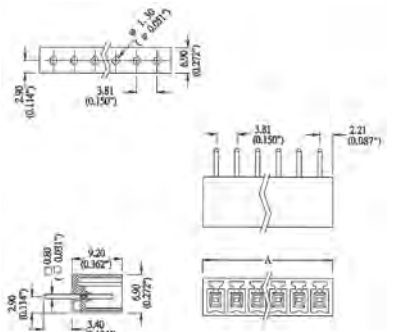


| ITEM No.    | POLES | A (MM) | A (INCH) | ITEM No.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|-------------|-------|--------|----------|
| H-040-35002 | 2     | 7.60   | 0.299    | H-040-35009 | 9     | 32.10  | 1.264    |
| H-040-35003 | 3     | 11.10  | 0.437    | H-040-35010 | 10    | 35.60  | 1.402    |
| H-040-35004 | 4     | 14.60  | 0.575    | H-040-35011 | 11    | 39.10  | 1.539    |
| H-040-35005 | 5     | 18.10  | 0.713    | H-040-35012 | 12    | 42.60  | 1.677    |
| H-040-35006 | 6     | 21.60  | 0.850    | H-040-35013 | 13    | 46.10  | 1.815    |
| H-040-35007 | 7     | 25.10  | 0.988    | H-040-35014 | 14    | 49.60  | 1.953    |
| H-040-35008 | 8     | 28.60  | 1.126    |             |       |        |          |

#### HEADERS • CLOSED 180° • PITCH: 3.81 MM

##### TECHNICAL

|                               |                           |
|-------------------------------|---------------------------|
| SOLDER PIN:                   | 0.8 MM, BRASS, TIN PLATED |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-O)     |
| COLOR:                        | GREEN                     |
| OPERATION TEMPERATURE:        | -55°C TO +105°C           |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)      |
| CURRENT RATING:               | 12 AMP AC300V             |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN               |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V          |
| PDB HOLE DIAMETER:            | φ 1.3 MM                  |



| ITEM No.    | POLES | A (MM) | A (INCH) | ITEM No.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|-------------|-------|--------|----------|
| H-040-38102 | 2     | 8.23   | 0.324    | H-040-38109 | 9     | 34.90  | 1.374    |
| H-040-38103 | 3     | 12.04  | 0.474    | H-040-38110 | 10    | 38.71  | 1.524    |
| H-040-38104 | 4     | 15.85  | 0.624    | H-040-38111 | 11    | 42.52  | 1.674    |
| H-040-38105 | 5     | 19.66  | 0.774    | H-040-38112 | 12    | 46.33  | 1.824    |
| H-040-38106 | 6     | 23.47  | 0.924    |             |       |        |          |
| H-040-38107 | 7     | 27.28  | 1.074    | H-040-38116 | 16    | 61.57  | 2.424    |
| H-040-38108 | 8     | 31.09  | 1.224    |             |       |        |          |

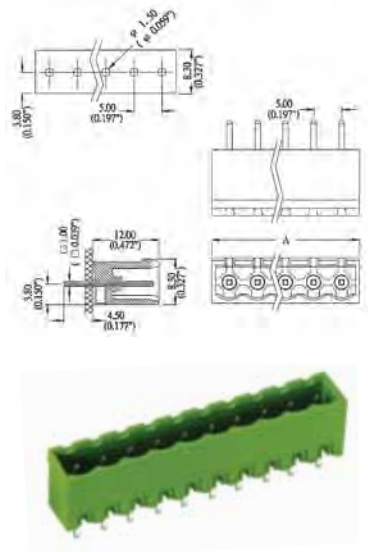
# PRINTED CIRCUIT BOARD

## HEADERS

### HEADERS • CLOSED 180° • PITCH: 5.00 MM

#### TECHNICAL

|                               |                           |
|-------------------------------|---------------------------|
| SOLDER PIN:                   | 1.0 MM, BRASS, TIN PLATED |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-O)     |
| COLOR:                        | GREEN                     |
| OPERATION TEMPERATURE:        | -55°C TO +105°C           |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)      |
| CURRENT RATING:               | 12 AMP AC300V             |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN               |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V          |
| PDB HOLE DIAMETER:            | φ 1.5 MM                  |

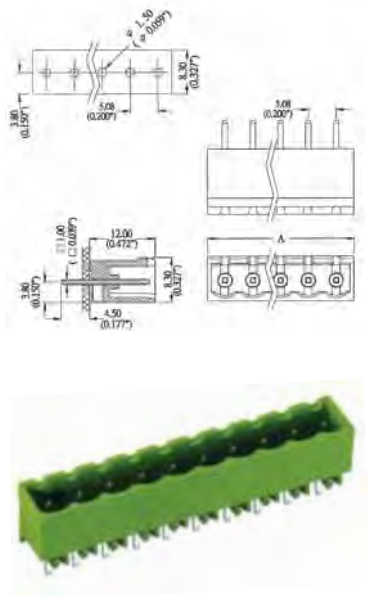


| ITEM NO.    | POLES | A (MM) | A (INCH) | ITEM NO.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|-------------|-------|--------|----------|
| H-040-50002 | 2     | 11.60  | 0.457    | H-040-50009 | 9     | 46.60  | 1.835    |
| H-040-50003 | 3     | 16.60  | 0.654    | H-040-50010 | 10    | 51.60  | 2.031    |
| H-040-50004 | 4     | 21.60  | 0.850    | H-040-50011 | 11    | 56.60  | 2.228    |
| H-040-50005 | 5     | 26.60  | 1.047    | H-040-50012 | 12    | 61.60  | 2.425    |
| H-040-50006 | 6     | 31.60  | 1.244    |             |       |        |          |
| H-040-50007 | 7     | 36.60  | 1.441    | H-040-50016 | 16    | 121.60 | 4.787    |
| H-040-50008 | 8     | 41.60  | 1.638    |             |       |        |          |

### HEADERS • CLOSED 180° • PITCH: 5.08 MM

#### TECHNICAL

|                               |                           |
|-------------------------------|---------------------------|
| SOLDER PIN:                   | 1.0 MM, BRASS, TIN PLATED |
| INSULATING BODY:              | POLYAMIDE66 (UL94V-O)     |
| COLOR:                        | GREEN                     |
| OPERATION TEMPERATURE:        | -55°C TO +105°C           |
| SHORT-TIME TEMPERATURE:       | UP TO 250°C (+482°F)      |
| CURRENT RATING:               | 12 AMP AC300V             |
| INSULATION WITHSTANDING VOLT: | AC2000V MIN               |
| INSULATION RESISTANCE:        | >5000Ω AT DC500V          |
| PDB HOLE DIAMETER:            | φ 1.5 MM                  |



| ITEM NO.    | POLES | A (MM) | A (INCH) | ITEM NO.    | POLES | A (MM) | A (INCH) |
|-------------|-------|--------|----------|-------------|-------|--------|----------|
| H-040-50802 | 2     | 11.76  | 0.463    | H-040-50809 | 9     | 47.32  | 1.863    |
| H-040-50803 | 3     | 16.84  | 0.663    | H-040-50810 | 10    | 52.40  | 2.063    |
| H-040-50804 | 4     | 21.92  | 0.863    | H-040-50811 | 11    | 57.48  | 2.263    |
| H-040-50805 | 5     | 27.00  | 1.063    | H-040-50812 | 12    | 62.56  | 2.463    |
| H-040-50806 | 6     | 32.08  | 1.263    |             |       |        |          |
| H-040-50807 | 7     | 37.16  | 1.463    | H-040-50816 | 16    | 123.52 | 4.863    |
| H-040-50808 | 8     | 42.24  | 1.663    |             |       |        |          |



## SCREWDRIVERS

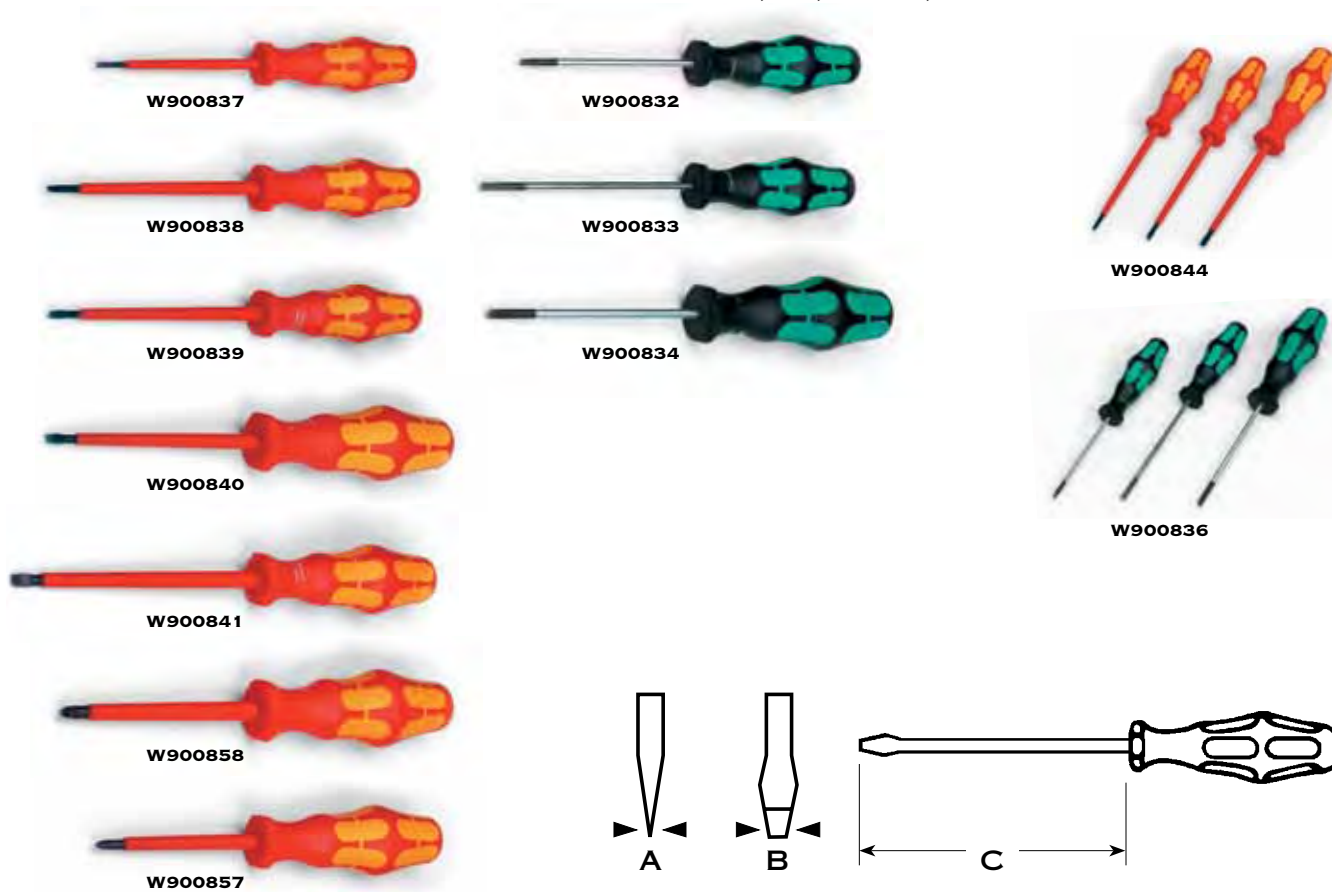
THE ERGONOMIC DESIGN OF OUR SCREWDRIVER HANDLES EFFICIENTLY HELP TO PROVIDE THE PROPER TIGHTENING TORQUE FOR YOUR TERMINAL BLOCK APPLICATION. INSULATION IS RATED AT 10,000V FOR YOUR SAFETY. THE TIPS OF OUR SCREWDRIVERS ARE MADE OF HARDENED STEEL FOR A LONGER TOOL LIFE.



## SCREWDRIVERS FOR TERMINAL BLOCKS

### FEATURES

- ERGONOMIC HANDLE PROVIDES PROPER TIGHTENING TORQUE
- IMPACT RESISTANT MATERIAL USED TO PROVIDE LONG LASTING USE
- INSULATION SLEEVE PROVIDES ISOLATION UP TO 10,000 V
- APPROVALS: DIN - VDE 0680/2, ISO, IEC 900, EN 60900



| DESCRIPTION                            | PART NO.                                                     | A (MM) | B (MM) | C (MM) |
|----------------------------------------|--------------------------------------------------------------|--------|--------|--------|
| INSULATED SCREWDRIVERS                 | W900837                                                      | 0.4    | 2.5    | 80     |
|                                        | W900838                                                      | 0.5    | 3.0    | 100    |
|                                        | W900839                                                      | 0.6    | 3.5    | 100    |
|                                        | W900840                                                      | 0.8    | 4.0    | 100    |
|                                        | W900841                                                      | 1.0    | 5.5    | 125    |
| KIT FOR INSULATED SCREWDRIVERS (3)     | W900844<br>(INCLUDES ONE OF EACH: W900838, W900839, W900840) |        |        |        |
| NON-INSULATED SCREWDRIVERS             | W900832                                                      | 0.5    | 3.0    | 80     |
|                                        | W900833                                                      | 0.6    | 3.5    | 100    |
|                                        | W900834                                                      | 0.8    | 4.0    | 100    |
| KIT FOR NON-INSULATED SCREWDRIVERS (3) | W900836<br>(INCLUDES ONE OF EACH: W900832, W900833, W900834) |        |        |        |
| INSULATED PHILLIPS SCREWDRIVER         | W900858 (100 MM)                                             |        |        |        |
| NON-INSULATED PHILLIPS SCREWDRIVER     | W900857 (80 MM)                                              |        |        |        |