

Series 12

Type 121-C-111

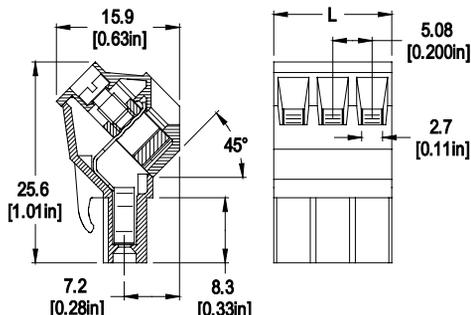
0.2 in. spacing • 2 to 24 poles



121-C-111



One possible variation of assembly



Dimensions: mm (in.) When locating connector, allow 0.5 mm clearance around it for process-induced variations. Length of Connector (L) L = No. of Poles x Center to Center Spacing

DESCRIPTION

- Plug
- Plug-In Direction Perpendicular to PCB and Wire Entrance 45° to PCB when plugged with 121-M-121 /-221, 121-M-161 /-261 and 121-M-191 /-291

TECHNICAL DATA

Center to Center Spacing: 5.08 mm (0.200 in.) Wire Stripping length: 7 mm (0.28 in.)
Nominal Cross Section: 2.5 mm² (3874 mils²)

APPROVAL INFORMATION

| | Rating | Current (A) | Voltage (V) | AWG | Application Group | Screw Tightening Torque |
|-----------------------|--------|-------------|-------------|-------|-------------------|-------------------------|
| UL File No.: E69841 | UL | 10 | 300 | 26-12 | B,C,D | max. 4.5 lbf.in. |
| CSA File No.: LR24322 | CSA | 10 | 300 | 26-12 | B,D,E | max. 0.51 Nm |

UL: 24-26 AWG range for factory wiring only.
International Approvals:
Rated Impulse Withstand Voltage: 2500 V

MATERIAL

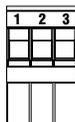
MOLDING: Polyamide, self extinguishing to UL 94, V-0, grey
TEMPERATURE LIMITS: Short time: 140°C (284°F)
Continuous: RTI 105°C (221°F)
Low limit: -40°C (-40°F)
Comparative Tracking Index: CTI > 600
Oxygen Index Rating: 33%

Terminal Body: nickel plated copper alloy
Wire Protector and Contact Spring: tin plated copper alloy
Screw: yellow chromate passivated, zinc plated, steel, M3

ACCESSORIES

- BST Self Adhesive Marking Strips. Consecutively numbered.
- Jumper, Type 970-J1.

OPTIONS See How to Order. If more than one option is required, please separate each option with a dash (-).



CN: Consecutive Numbering (hot stamped White numbers)
SM: Special Marking (please provide sketch)
BS: Copper Alloy Screws
PS: Clear chromate passivated, zinc plated, steel screws
G05: Gold Plating (5 micro inches)
G30: Gold Plating (30 micro inches)
S30: Silver Plating (30 micro inches)
(Plated components: contact spring)
Coding keys available to ensure plug-in proper orientation. Sold separately, please consult the accessories section.
Voltage rating for 0.4 in. spacing is UL certified for 600 / B,C,D and CSA certified for 600 / D,E.

HOW TO ORDER

| POLES: | OPTIONS: |
|----------|-------------------------------|
| 02 to 24 | CN, SM, BS, PS, G05, G30, S30 |

121-C-111/

www.weco.ca/products/121-C-111

Series 12

Types 121-M-121 /-221

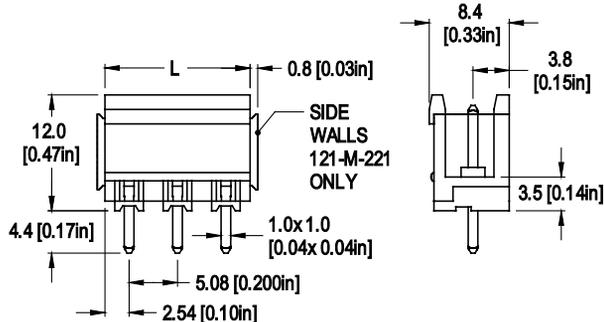
0.2 in. spacing • 2 to 24 poles



121-M-121



One possible variation of assembly



Dimensions: mm (in.) When locating connector, allow 0.5 mm clearance around it for process-induced variations. Length of Connector (L) L = No. of Poles x Center to Center Spacing

DESCRIPTION

- Header
- Plug-In Direction and Wire Entrance Perpendicular to PCB when plugged with 121-A-111, 121-F-111 /-211
- Plug-In Direction Perpendicular to PCB and Wire Entrance 45° to PCB when plugged with 121-C-111
- Plug-In Direction Perpendicular to PCB and Wire Entrance Parallel to PCB when plugged with 121-D-111, 121-D-121

TECHNICAL DATA

Center to Center Spacing: 5.08 mm (0.200 in.) Recommended Hole Ø in PCB: 1.4 mm (0.055 in.)

APPROVAL INFORMATION

| | Rating | Current (A) | Voltage (V) | Application Group |
|-----------------------|--------|-------------|-------------|-------------------|
| UL File No.: E69841 | UL | 10 | 300 | B,C,D |
| CSA File No.: LR24322 | CSA | 10 | 300 | B,D,E |

International Approvals:
Rated Impulse Withstand Voltage: 2500 V

MATERIAL

MOLDING: Polyamide, self extinguishing to UL 94, V-0, grey
TEMPERATURE LIMITS: Short time: 140°C (284°F)
Continuous: RTI 105°C (221°F)
Low limit: -40°C (-40°F)
Comparative Tracking Index: CTI > 600
Oxygen Index Rating: 33%

Solder Pin: tin plated copper alloy, 1 x 1 mm (0.04 x 0.04 in.)

ACCESSORIES

- BST Self Adhesive Marking Strips. Consecutively numbered.

OPTIONS See How to Order. If more than one option is required, please separate each option with a dash (-).



CN: Consecutive Numbering (hot stamped White numbers)
SM: Special Marking (please provide sketch)
G05: Gold Plating (5 micro inches)
G30: Gold Plating (30 micro inches)
S30: Silver Plating (30 micro inches)
14.5MM: Solder Pin length of 14.5 mm
(Plated components: solder pin)
Coding keys available to ensure plug-in proper orientation. Sold separately, please consult the accessories section.
Voltage rating for 0.4 in. spacing is UL certified for 600 / B,C,D and CSA certified for 600 / D,E.

HOW TO ORDER

| SIDEWALLS: | POLES: | OPTIONS: |
|-----------------------|----------|-------------------------------|
| without: 1 with: 2 | 02 to 24 | CN, SM, G05, G30, S30, 14.5MM |

121-M-

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www.weco.ca/products/121-M-121 /-221

