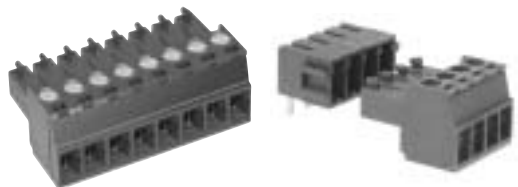


Series 11

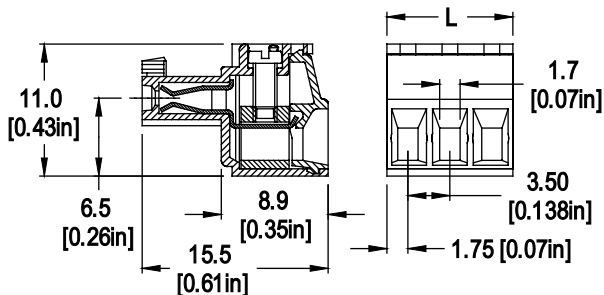
Type 110-A-111

3.5 mm spacing • 2 to 24 poles



110-A-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 and Wire Entrance Parallel to PCB when plugged with 110-M-211, 110-P-211 and 110-S-211
- Plug-In Direction and Wire Entrance Perpendicular to PCB when plugged with 110-M-221, 110-P-221 and 110-S-221
- Plug-In Direction and Wire Entrance 45° to PCB when plugged with 110-V-211
- Coding keys are available to ensure proper mating

TECHNICAL DATA

Center to Center Spacing: 3.5 mm (0.138 in.) Wire Stripping length: 6 mm (0.25 in.)  
Nominal Cross Section: 1.5 mm<sup>2</sup> (2325 mils<sup>2</sup>)

APPROVAL INFORMATION

	Rating	Current (A)	Voltage (V)	AWG	Application Group	Screw Tightening Torque
UL File No.: E69841	UL	8	300	30-16	B,D	max. 1.8 lbf.in.
CSA File No.: LR24322	CSA	8	300	30-16	B	max. 0.2 Nm

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: Tin plated copper alloy, M2

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)  
(Plated components: contact spring)  
Version with 7 mm spacing, please consult factory.

HOW TO ORDER

POLES:	OPTIONS:
02 to 24	CN, SM, G05, G30, S30

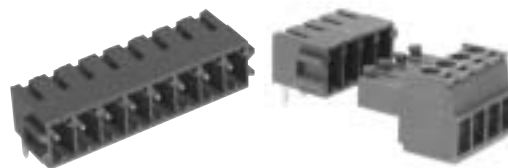
110-A-111/

www.weco.ca/products/110-A-111

Series 11

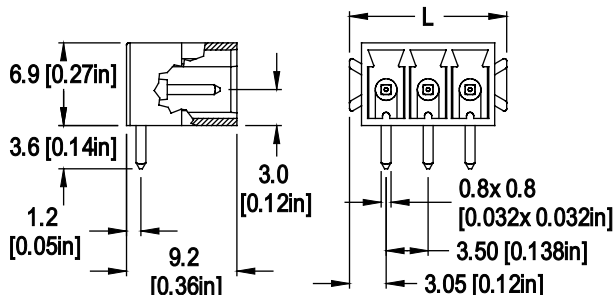
Type 110-M-211

3.5 mm spacing • 2 to 24 poles



110-M-211

One 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) + 2.6 mm

DESCRIPTION

- Header
- Plug-In Direction and Wire Entrance Parallel to PCB when plugged with 110-A-111
- Coding keys are available to ensure proper mating

TECHNICAL DATA

Center to Center Spacing: 3.5 mm (0.138 in.) Recommended Hole Ø in PCB: 1.2 mm (0.047 in.)

APPROVAL INFORMATION

	Rating	Current (A)	Voltage (V)	Application Group
UL File No.: E69841	UL	8	300	B,D
CSA File No.: LR24322	CSA	8	300	B

International Approvals:

Rated Impulse Withstand Voltage: 2500 V

MATERIAL

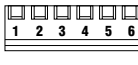
MOLDING: Polyamide, self extinguishing to UL 94, V-0, grey  
TEMPERATURE LIMITS: Short time: 140°C (284°F)  
Continuous: RTI 105°C (221°F)  
Low limit: -40°C (-40°F)  
Comparative Tracking Index: CTI > 600  
Oxygen Index Rating: 33%

Solder Pin: tin plated copper alloy, 0.8 x 0.8 mm (0.03 x 0.03 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)  
17.6MM: Solder Pin length of 17.6 mm  
(Plated components: solder pin)  
Version with 7 mm spacing, please consult factory.

HOW TO ORDER

POLES:	OPTIONS:
02 to 24	CN, SM, G05, G30, S30, 17.6MM

110-M-211/

www.weco.ca/products/110-M-211



TERMINAL BLOCKS FOR PRINTED CIRCUIT BOARDS