Positronic Industries, Inc.
www.connectpositronic.com

PANEL MOUNT CONNECTORS

Power
Connection
Systems

PCS SERIES

POWER CONNECTION SYSTEMS PANEL MOUNT CONNECTORS

QUICK RELEASE MOUNTING CLIP

CODE 2, SOLDER – 18 AWG [1.0mm] MAX.

MALE

Mounting Clip
Factory Installed

Typical part number:
PLB06M206C1

FEMALE
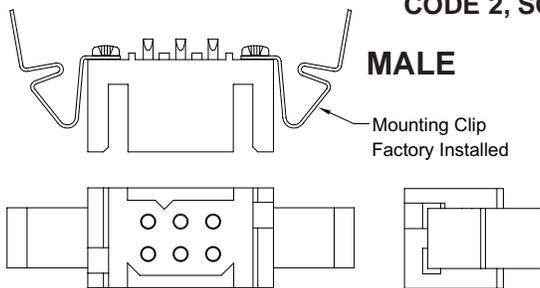
Mounting Clip
Factory Installed
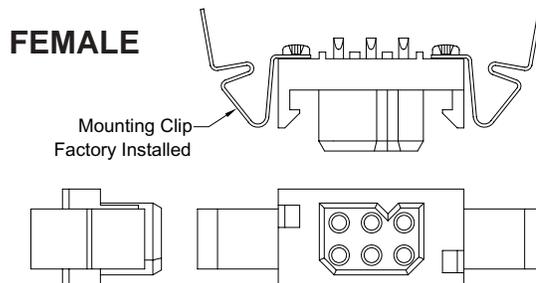
Typical part number:
PLB06F206C1

For connection system 8

POWER CONNECTION SYSTEMS PANEL MOUNT CONNECTORS

QUICK RELEASE MOUNTING CLIP
REMOVABLE CONTACT TYPE

MALE

Mounting Clip
Factory Installed

Typical part number:
PLB06M1060

FEMALE

Mounting Clip
Factory Installed
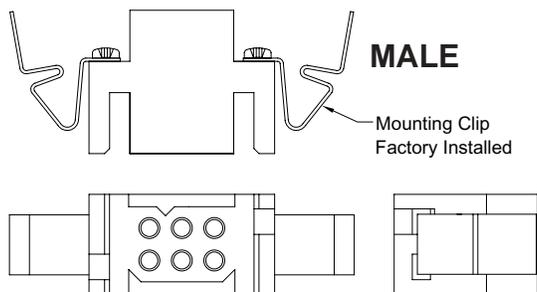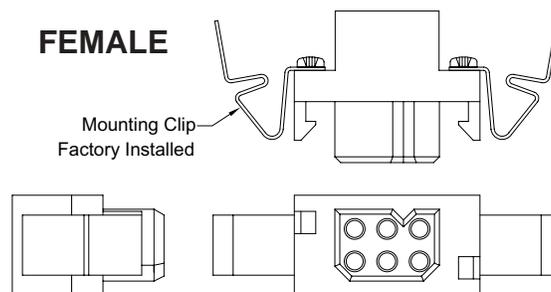
Typical part number:
PLB06F1060

For connection system 8

PANEL CUTOUT

A±0.010
B±0.005

0.415±0.005
[10.54±0.13]

C±0.005

0.015[0.38]R. MAX. TYP.

Maximum panel thickness: 0.063[1.60] nominal.

CONNECTOR VARIANTS	A	B	C
PLA03 PLAH03	1.600 [40.64]	1.168 [29.67]	0.445 [11.30]
PLA04 PLAH04	1.798 [45.67]	1.366 [34.70]	0.445 [11.30]
PLA06 PLAH06	2.192 [55.68]	1.760 [44.70]	0.445 [11.30]
PLA08 PLAH08	2.586 [65.68]	2.154 [54.71]	0.445 [11.30]
PLB06 PLBH06	1.600 [40.64]	1.168 [29.67]	0.643 [16.33]
PLB08 PLBH08	1.798 [45.67]	1.366 [34.70]	0.643 [16.33]
PLB12 PLBH12	2.192 [55.68]	1.760 [44.70]	0.643 [16.33]
PLB16 PLBH16	2.586 [65.68]	2.154 [54.71]	0.643 [16.33]
PLC09 PLCH09	1.600 [40.64]	1.168 [29.67]	0.839 [21.31]
PLC12 PLCH12	1.798 [45.67]	1.366 [34.70]	0.839 [21.31]
PLC18 PLCH18	2.192 [55.68]	1.760 [44.70]	0.839 [21.31]
PLC24 PLCH24	2.586 [65.68]	2.154 [54.71]	0.839 [21.31]
PLC30 PLCH30	2.980 [75.69]	2.548 [64.72]	0.839 [21.31]

DIMENSIONS ARE IN INCHES [MILLIMETERS].
ALL DIMENSIONS ARE SUBJECT TO CHANGE.

Power
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PANEL MOUNT CONNECTORS

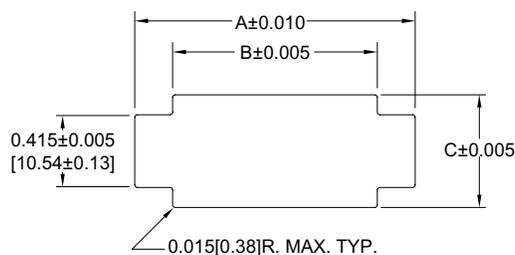Positronic Industries, Inc.
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PCS SERIES

POWER CONNECTION SYSTEMS PANEL MOUNT CONNECTORS
*FIXED STYLE MOUNTING CLIP

E

MALE

Mounting Clip
Factory Installed

FEMALE

Mounting Clip
Factory Installed
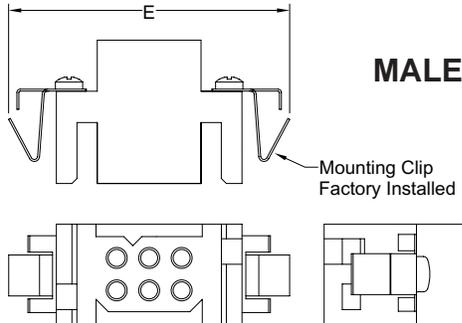
Typical part number:

PLB06M10810
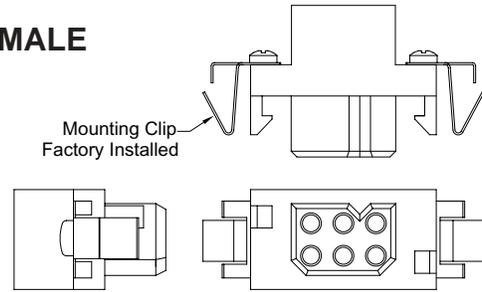
Typical part number:

PLB06F10810

PART NUMBER	PANEL THICKNESS
PL*****81*	0.040 [1.02]
PL*****82*	0.060 [1.52]
PL*****83*	0.090 [2.29]

For connection system 8

* May be used with either fixed solder or removable contact connector insulators.

Clip material: Beryllium copper, tin plated

CONNECTOR VARIANTS	A	B	C	D	E
PLA03 PLAH03	1.380 [35.05]	1.150 [29.21]	0.445 [11.30]	0.193 [4.90]	1.598 [40.59]
PLA04 PLAH04	1.578 [40.08]	1.348 [34.24]	0.445 [11.30]	0.193 [4.90]	1.796 [45.62]
PLA06 PLAH06	1.972 [50.09]	1.742 [44.25]	0.445 [11.30]	0.193 [4.90]	2.190 [55.63]
PLA08 PLAH08	2.366 [60.10]	2.136 [54.25]	0.445 [11.30]	0.193 [4.90]	2.584 [65.63]
PLB06 PLBH06	1.380 [35.05]	1.150 [29.21]	0.643 [16.33]	0.300 [7.62]	1.598 [40.59]
PLB08 PLBH08	1.578 [40.08]	1.348 [34.24]	0.643 [16.33]	0.300 [7.62]	1.796 [45.62]
PLB12 PLBH12	1.972 [50.09]	1.742 [44.25]	0.643 [16.33]	0.300 [7.62]	2.190 [55.63]
PLB16 PLBH16	2.366 [60.10]	2.136 [54.25]	0.643 [16.33]	0.300 [7.62]	2.584 [65.63]
PLC09 PLCH09	1.380 [35.05]	1.150 [29.21]	0.839 [21.31]	0.300 [7.62]	1.598 [40.59]
PLC12 PLCH12	1.578 [40.08]	1.348 [34.24]	0.839 [21.31]	0.300 [7.62]	1.796 [45.62]
PLC18 PLCH18	1.972 [50.09]	1.742 [44.25]	0.839 [21.31]	0.300 [7.62]	2.190 [55.63]
PLC24 PLCH24	2.366 [60.10]	2.136 [54.25]	0.839 [21.31]	0.300 [7.62]	2.584 [65.63]
PLC30 PLCH30	2.760 [70.10]	2.530 [64.26]	0.839 [21.31]	0.300 [7.62]	2.978 [75.64]

A±0.010

B±0.010

D±0.010

C±0.010

0.015[0.38]R. MAX. TYP.