■ PB · PMA · PDA Series Attachment

BASE Attachment

Plate model	Applicable models
F-PBA10-1	PBA10F
F-PBA15-1	PBA15F, PBW15F, PDA15F
F-PBA30-1	PBA30F, PBW30F, PMA15F, PDA30F
F-PBA50-1	PBA50F, PBW50F, PMA30F, PDA50F
F-PBA75-1	PBA75F, PMA60F
F-PBA100-1	PBA100F, PDA100F
F-PBA150-1	PBA150F, PMA100F, PDA150F
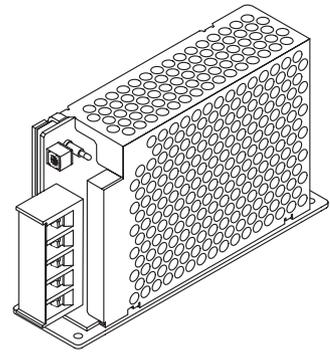
Example

〈TOP VIEW〉 (Unit : mm) (Tolerance : ±1)

F-PBA10-1

Size

21 2-φ3.5
18.5 36.5
5
78
88

* Material : SECC
* Thickness : 2.0
* Weight : 60g max

F-PBA15-1

Size

15 2-φ3.5
18.5 36.5
5
95
105

* Material : SECC
* Thickness : 2.0
* Weight : 70g max

* M3 Flat screw is requested when mounting.
  Please check catalog for the size of screw.

Mounting hole size

FRONT←
2-M3
13.5
78

Mounting hole size

FRONT←
2-M3
13.5
95

F-PBA30-1

Size

18.5 2-φ3.5
18.5 36.5
5
113
123

* Material : SECC
* Thickness : 2.0
* Weight : 85g max

F-PBA50-1

Size

21 6
32 25 37
3-φ3.5
5
130
140

* Material : SECC
* Thickness : 2.0
* Weight : 95g max

* M3 Flat screw is requested when mounting.
  Please check catalog for the size of screw.

Mounting hole size

FRONT←
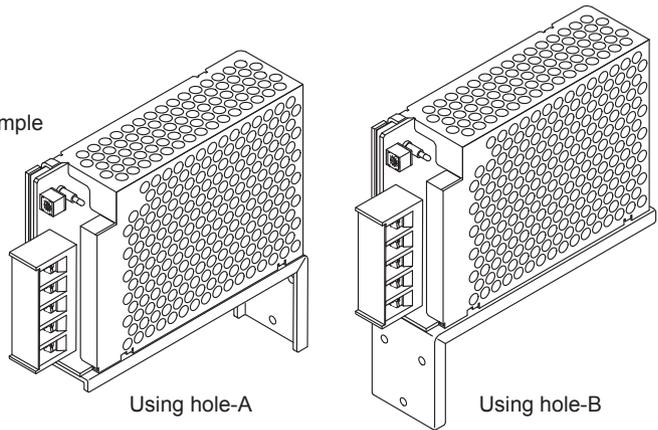2-M3
13.5
113

Mounting hole size

FRONT←
3-M3
25 26
130

〈 TOP VIEW 〉(Unit : mm) (Tolerance : ±1)

F-PBA75-1

Size

3-φ3.5
5
145
155
19
6
32
25
37

* Material : SECC
* Thickness : 2.0
* Weight : 110g max

F-PBA100-1

Size

3-φ3.5
5
157
167
25
6
32
25
37

* Material : SECC
* Thickness : 2.0
* Weight : 110g max

* M3 Flat screw is requested when mounting.
Please check catalog for the size of screw.

Mounting hole size

3-M3

FRONT←

25
26
145

Mounting hole size

3-M3

FRONT←

25
26
157

F-PBA150-1

Size

3-φ3.5
5
178
188
19
6
32
25
37

* Material : SECC
* Thickness : 2.0
* Weight : 130g max

* M3 Flat screw is requested when mounting.
Please check catalog for the size of screw.

Mounting hole size

3-M3

FRONT←

25
26
178

FRONT・REVERSE
Attachment

Example

Plate model	Applicable models
F-PBA10-2	PBA10F
F-PBA15-2	PBA15F, PBW15F, PDA15F
F-PBA30-2	PBA30F, PBW30F, PMA15F, PDA30F
F-PBA50-2	PBA50F, PBW50F, PMA30F, PDA50F
F-PBA75-2	PBA75F, PMA60F
F-PBA100-2	PBA100F, PDA100F
F-PBA150-2	PBA150F, PMA100F, PDA150F

Using hole-A   Using hole-B

〈 TOP VIEW 〉 (Unit : mm) (Tolerance : ±1)

F-PBA10-2

Size

hole-B hole-B hole-A
68.5   3-φ3.5
35   15
hole-A 11.5 17.5
21.5   15 15 10
35

∗ Material : SECC
∗ Thickness : 1.6
∗ Weight : 60g max

F-PBA15-2

Size

hole-A hole-B hole-A
85.5   3-φ3.5
35   15
hole-B 5.5 17.5
20.5   15 15 10
35

∗ Material : SECC
∗ Thickness : 1.6
∗ Weight : 70g max

∗ M3 screw is requested when mounting.
Please check catalog for the size of screw.

F-PBA30-2

Size

hole-A hole-B hole-A
103.5   3-φ3.5
35   15
hole-B 9 17.5
20   15 15 10
35

∗ Material : SECC
∗ Thickness : 1.6
∗ Weight : 80g max

F-PBA50-2

Size

hole-A hole-B hole-A
123   3-φ3.5
35   21
hole-B 14 17.5
21   15 25 7
45

∗ Material : SECC
∗ Thickness : 2.0
∗ Weight : 120g max

∗ M3 screw is requested when mounting.
Please check catalog for the size of screw.

⟨ TOP VIEW ⟩ (Unit : mm) (Tolerance : ±1)

F-PBA75-2

Size

* Material : SECC
* Thickness : 2.0
* Weight : 130g max

F-PBA100-2

Size

* Material : SECC
* Thickness : 2.0
* Weight : 140g max

* M3 screw is requested when mounting.
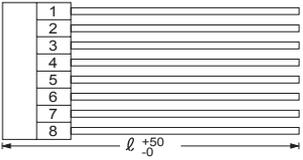 Please check catalog for the size of screw.

F-PBA150-2

Size

* Material : SECC
* Thickness : 2.0
* Weight : 170g max

* M3 screw is requested when mounting.
  Please check catalog for the size of screw.

PMA Series

Mating harness

Model	Harness model #	Contents
PMA15F, PMA30F, PMA60F, PMA100F	H-IN -15	Input harness when I/O interface is connector (Mfr:Tyco Electronics AMP) type
PMA15F, PMA30F	H-OU-28	Output harness when I/O interface is connector (Mfr:Tyco Electronics AMP) type
PMA60F	H-OU-29	Output harness when I/O interface is connector (Mfr:Tyco Electronics AMP) type
PMA100F	H-OU-30	Output harness when I/O interface is connector (Mfr:Tyco Electronics AMP) type
PMA15F, PMA30F, PMA60F, PMA100F	H-IN - 3	Input harness when I/O interface is connector (Mfr:J.S.T) type (option:-J)
PMA15F, PMA30F	H-OU- 9	Output harness when I/O interface is connector (Mfr:J.S.T) type (option:-J)
PMA60F	H-OU-18	Output harness when I/O interface is connector (Mfr:J.S.T) type (option:-J)
PMA100F	H-OU-10	Output harness when I/O interface is connector (Mfr:J.S.T) type (option:-J)
PMA60F, PMA100F	H-RC- 1	Harness for using option : -R

●Model number
H-IN-3
Housing : VHR-5N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 20g max

●Type

●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	20	white	500
2				
3	UL1015	20	black	500
4				
5	UL1015	20	green	500

●Model number
H-IN-15
Housing : 1-1123722-5 (Tyco Electronics AMP)
Pin : 1123721-1 or
    1318912-1 (Tyco Electronics AMP)
Weight : 20g max

●Type

●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	20	white	500
2				
3	UL1015	20	black	500
4				
5	UL1015	20	green	500

●Model number
H-OU-9
Housing : VHR-4N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 40g max

●Type

●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2	UL1015	18	black	500
3	UL1015	18	red	500
4	UL1015	18	red	500

●Model number
H-OU-10
Housing : VHR-8N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 80g max

●Type

●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 4	UL1015	18	black	500
5 - 8	UL1015	18	red	500

●Model number
H-OU-18
Housing : VHR-6N (J.S.T.)
Pin : SVH-21T-P1.1 (J.S.T.)
Weight : 60g max

●Type

●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 3	UL1015	18	black	500
4 - 6	UL1015	18	red	500

●Model number
H-OU-28
Housing : 1-1123722-4 (Tyco Electronics AMP)
Pin : 1123721-1 or
    1318912-1 (Tyco Electronics AMP)
Weight : 40g max

●Type

●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1015	18	black	500
2	UL1015	18	black	500
3	UL1015	18	red	500
4	UL1015	18	red	500

●Model number
H-OU-29
Housing : 1-1123722-6 (Tyco Electronics AMP)
Pin : 1123721-1 or
    1318912-1 (Tyco Electronics AMP)
Weight : 60g max

●Type

●Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 3	UL1015	18	black	500
4 - 6	UL1015	18	red	500

● Model number

H-OU-30

Housing : 1-1123722-8 (Tyco Electronics AMP)
Pin : 1123721-1 or
    1318912-1 (Tyco Electronics AMP)
Weight : 75g max

● Type

● Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1 - 4	UL1015	18	black	500
5 - 8	UL1015	18	red	500

● Model number

H-RC-1

Housing : XHP-2 (J.S.T.)
Pin : SXH-001T-P0.6 (J.S.T.)
Weight : 7g max

● Type
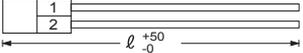
● Wire

Pin #	Wire	AWG	Color	Length ℓ (mm)
1	UL1007	22	orange	500
2	UL1007	22	blue	500