

Pluggable PCB Blocks

Pin Spacing: 5.08mm
 Orientation: Horizontal Header
 Clamp Type: -
 Design: Single Mold - Open End



PH-5.08

ELECTRICAL

	Current	Voltage	Wire Range
	12A	300V	-
	16A	450V	-

INSTALLATION DATA

Screw Size	-	PCB Hole Size	1.5mm
Torque	-	Stripping Lgth.	-

MATERIAL

Body	PA6.8	Screw	-
Flammability Class	UL94V-0	Terminal	Tin-Plated Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	-
Color	Green		

No. Poles	Cat. #	Length (B) (mm)*	Std. Pk.
2	PH02-5.08	10.2	100
3	PH03-5.08	15.2	100
4	PH04-5.08	20.3	50
5	PH05-5.08	25.4	50
6	PH06-5.08	30.5	50
7	PH07-5.08	35.6	50
8	PH08-5.08	40.6	50
9	PH09-5.08	45.7	50
10	PH10-5.08	50.8	50
11	PH11-5.08	55.9	50
12	PH12-5.08	61.0	50
13	PH13-5.08	66.0	20
14	PH14-5.08	71.1	20
15	PH15-5.08	76.2	20
16	PH16-5.08	81.3	20
17	PH17-5.08	86.4	20
18	PH18-5.08	91.4	20
19	PH19-5.08	96.5	20
20	PH20-5.08	101.6	20
21	PH21-5.08	106.7	20
22	PH22-5.08	111.8	20
23	PH23-5.08	116.6	20
24	PH24-5.08	121.9	20



Dimensions

A	12.20 mm	I	-
B	*	J	-
C	8.10 mm	K	-
D	1.90 mm	L	1.00 mm
E	-	M	1.00 mm
F	-	N	15.50 mm
G	4.00 mm	O	-
H	22.80 mm	P	5.08 mm

Pin Spacing: 5.08mm
 Orientation: Horizontal Header
 Clamp Type: -
 Design: Single Mold - Closed End



PHP-5.08

ELECTRICAL

	Current	Voltage	Wire Range
	12A	300V	-
	16A	450V	-

INSTALLATION DATA

Screw Size	-	PCB Hole Size	1.5mm
Torque	-	Stripping Lgth.	-

MATERIAL

Body	PA6.8	Screw	-
Flammability Class	UL94V-0	Terminal	Tin-Plated Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	-
Color	Green		

No. Poles	Cat. #	Length (B) (mm)*	Std. Pk.
2	PHP02-5.08	12.2	100
3	PHP03-5.08	17.2	100
4	PHP04-5.08	22.3	50
5	PHP05-5.08	27.4	50
6	PHP06-5.08	32.5	50
7	PHP07-5.08	37.6	50
8	PHP08-5.08	42.6	50
9	PHP09-5.08	47.7	50
10	PHP10-5.08	52.8	50
11	PHP11-5.08	57.9	50
12	PHP12-5.08	63.0	50
13	PHP13-5.08	68.0	20
14	PHP14-5.08	73.1	20
15	PHP15-5.08	78.2	20
16	PHP16-5.08	83.3	20
17	PHP17-5.08	88.4	20
18	PHP18-5.08	93.4	20
19	PHP19-5.08	98.5	20
20	PHP20-5.08	103.6	20
21	PHP21-5.08	108.7	20
22	PHP22-5.08	113.8	20
23	PHP23-5.08	118.6	20
24	PHP24-5.08	123.9	20



Dimensions

A	12.20 mm	I	-
B	*	J	-
C	8.10 mm	K	-
D	1.90 mm	L	1.00 mm
E	-	M	1.00 mm
F	-	N	15.50 mm
G	4.00 mm	O	-
H	22.80 mm	P	5.08 mm

Pin Spacing: 5.08mm
 Orientation: Vertical -
 Double Level Header
 Clamp Type: -
 Design: Modular - Open End



PDSV-5.08

ELECTRICAL

	Current	Voltage	Wire Range
	12A	300V	-
	16A	450V	-

INSTALLATION DATA

Screw Size	-	PCB Hole Size	1.5mm
Torque	-	Stripping Lgth.	-

MATERIAL

Body	PA6.8	Screw	-
Flammability Class	UL94V-0	Terminal	Tin-Plated Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	-
Color	Green		

No. Poles	Cat. #	Length (B) (mm)*	Std. Pk.
4	PDSV02-5.08	10.2	100
6	PDSV03-5.08	15.2	100
8	PDSV04-5.08	20.3	50
10	PDSV05-5.08	25.4	50
12	PDSV06-5.08	30.5	50
14	PDSV07-5.08	35.6	50
16	PDSV08-5.08	40.6	50
18	PDSV09-5.08	45.7	50
20	PDSV10-5.08	50.8	50
22	PDSV11-5.08	55.9	20
24	PDSV12-5.08	61.0	20
26	PDSV13-5.08	66.0	20
28	PDSV14-5.08	71.1	20
30	PDSV15-5.08	76.2	20
32	PDSV16-5.08	81.3	20
34	PDSV17-5.08	86.4	20
36	PDSV18-5.08	91.4	20
38	PDSV19-5.08	96.5	20
40	PDSV20-5.08	101.6	10
42	PDSV21-5.08	106.7	10
44	PDSV22-5.08	111.8	10
46	PDSV23-5.08	116.6	10
48	PDSV24-5.08	121.9	10



Dimensions

A	12.20 mm	I	-
B	*	J	-
C	23.74 mm	K	-
D	3.90 mm	L	1.00 mm
E	15.24 mm	M	1.00 mm
F	4.00 mm	N	15.50 mm
G	22.00 mm	O	-
H	22.80 mm	P	5.08 mm

Pin Spacing: 5.08mm
 Orientation: Horizontal - Double
 Level Header
 Clamp Type: -
 Design: Modular - Open End



PDSH-5.08

ELECTRICAL

	Current	Voltage	Wire Range
	12A	300V	-
	16A	450V	-

INSTALLATION DATA

Screw Size	-	PCB Hole Size	1.5mm
Torque	-	Stripping Lgth.	-

MATERIAL

Body	PA6.8	Screw	-
Flammability Class	UL94V-0	Terminal	Tin-Plated Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	-
Color	Green		

No. Poles	Cat. #	Length (B) (mm)*	Std. Pk.
4	PDSH02-5.08	10.2	100
6	PDSH03-5.08	15.2	100
8	PDSH04-5.08	20.3	50
10	PDSH05-5.08	25.4	50
12	PDSH06-5.08	30.5	50
14	PDSH07-5.08	35.6	50
16	PDSH08-5.08	40.6	50
18	PDSH09-5.08	45.7	50
20	PDSH10-5.08	50.8	50
22	PDSH11-5.08	55.9	20
24	PDSH12-5.08	61.0	20
26	PDSH13-5.08	66.0	20
28	PDSH14-5.08	71.1	20
30	PDSH15-5.08	76.2	20
32	PDSH16-5.08	81.3	20
34	PDSH17-5.08	86.4	20
36	PDSH18-5.08	91.4	20
38	PDSH19-5.08	96.5	20
40	PDSH20-5.08	101.6	10
42	PDSH21-5.08	106.7	10
44	PDSH22-5.08	111.8	10
46	PDSH23-5.08	116.6	10
48	PDSH24-5.08	121.9	10



Dimensions

A	12.20 mm	I	-
B	*	J	-
C	23.74 mm	K	-
D	1.90 mm	L	1.00 mm
E	10.00 mm	M	1.00 mm
F	4.00 mm	N	15.50 mm
G	22.00 mm	O	-
H	22.80 mm	P	5.08 mm

Pluggable PCB Blocks

Pin Spacing: 5.08mm
 Orientation: Horizontal Plug with
 Screw Flange
 Clamp Type: Screw Cage
 Design: Single Mold



SH-5.08-K

ELECTRICAL

	Current	Voltage	Wire Range
	12A	300V	30-14AWG
	16A	500V	2.5mm ² Stranded 4.0mm ² Solid

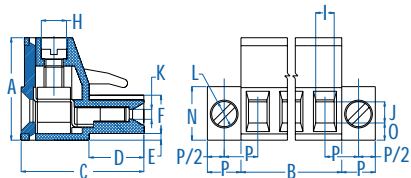
INSTALLATION DATA

Screw Size	M3	PCB Hole Size	–
Torque	0.5Nm (4.5 lbf-in)	Stripping Lgth.	7.5mm

MATERIAL

Body	PA6.8	Screw	Galvanized Steel
Flammability Class	UL94V-0	Terminal	Nickeled Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	Nickeled Brass
Color	Green		

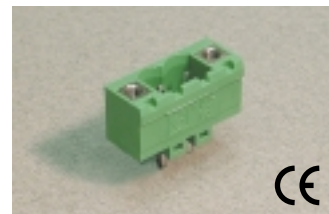
No. Poles	Cat. #	Length (B) (mm)*	Std. Pk.
2	SH02-5.08 - K	20.3	100
3	SH03-5.08 - K	25.4	100
4	SH04-5.08 - K	30.5	50
5	SH05-5.08 - K	35.6	50
6	SH06-5.08 - K	40.6	50
7	SH07-5.08 - K	45.7	50
8	SH08-5.08 - K	50.8	50
9	SH09-5.08 - K	55.9	50
10	SH10-5.08 - K	61.0	50
11	SH11-5.08 - K	66.0	50
12	SH12-5.08 - K	71.1	50
13	SH13-5.08 - K	76.2	20
14	SH14-5.08 - K	81.3	20
15	SH15-5.08 - K	86.4	20
16	SH16-5.08 - K	91.4	20
17	SH17-5.08 - K	96.5	20
18	SH18-5.08 - K	101.6	20
19	SH19-5.08 - K	106.7	20
20	SH20-5.08 - K	111.8	20
21	SH21-5.08 - K	116.6	20
22	SH22-5.08 - K	121.9	20



Dimensions

A	15.50 mm	I	2.80 mm
B	*	J	3.10 mm
C	18.80 mm	K	Ø1.80 mm
D	8.30 mm	L	Ø3.80 mm
E	1.00 mm	M	–
F	5.70 mm	N	8.10 mm
G	–	O	2.70 mm
H	Ø3.80 mm	P	5.08 mm

Pin Spacing: 5.08mm
 Orientation: Vertical Header with
 Screw Flange
 Clamp Type: –
 Design: Single Mold



PV-5.08-K

ELECTRICAL

	Current	Voltage	Wire Range
	12A	300V	–
	16A	450V	–

INSTALLATION DATA

Screw Size	–	PCB Hole Size	1.5mm
Torque	–	Stripping Lgth.	–

MATERIAL

Body	PA6.8	Screw	–
Flammability Class	UL94V-0	Terminal	Tin-Plated Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	Nickeled Brass
Color	Green		

No. Poles	Cat. #	Length (B) (mm)*	Std. Pk.
2	PV02-5.08 - K	20.3	100
3	PV03-5.08 - K	25.4	100
4	PV04-5.08 - K	30.5	50
5	PV05-5.08 - K	35.6	50
6	PV06-5.08 - K	40.6	50
7	PV07-5.08 - K	45.7	50
8	PV08-5.08 - K	50.8	50
9	PV09-5.08 - K	55.9	50
10	PV10-5.08 - K	61.0	50
11	PV11-5.08 - K	66.0	50
12	PV12-5.08 - K	71.1	50
13	PV13-5.08 - K	76.2	20
14	PV14-5.08 - K	81.3	20
15	PV15-5.08 - K	86.4	20
16	PV16-5.08 - K	91.4	20
17	PV17-5.08 - K	96.5	20
18	PV18-5.08 - K	101.6	20
19	PV19-5.08 - K	106.7	20
20	PV20-5.08 - K	111.8	20
21	PV21-5.08 - K	116.6	20
22	PV22-5.08 - K	121.9	20



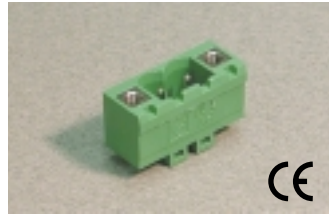
Dimensions

A	12.20 mm	I	–
B	*	J	–
C	8.10 mm	K	–
D	4.00 mm	L	1.00 mm
E	–	M	1.00 mm
F	9.80 mm	N	15.50 mm
G	4.00 mm	O	–
H	22.80 mm	P	5.08 mm

Pluggable PCB Blocks



Pin Spacing: 5.08mm
 Orientation: Horizontal Header with Screw Flange
 Clamp Type: –
 Design: Single Mold



PH-5.08-K

ELECTRICAL

	Current	Voltage	Wire Range
	12A	300V	–
	16A	450V	–

INSTALLATION DATA

Screw Size	–	PCB Hole Size	1.5mm
Torque	–	Stripping Lgth.	–

MATERIAL

Body	PA6.8	Screw	–
Flammability Class	UL94V-0	Terminal	Tin-Plated Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	Nickeled Brass
Color	Green		

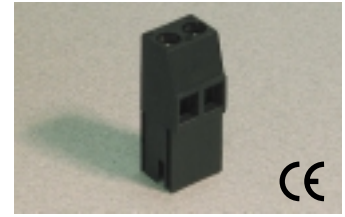
No. Poles	Cat. #	Length (B) (mm)*	Std. Pk.
2	PH02-5.08 - K	20.3	100
3	PH03-5.08 - K	25.4	100
4	PH04-5.08 - K	30.5	50
5	PH05-5.08 - K	35.6	50
6	PH06-5.08 - K	40.6	50
7	PH07-5.08 - K	45.7	50
8	PH08-5.08 - K	50.8	50
9	PH09-5.08 - K	55.9	50
10	PH10-5.08 - K	61.0	50
11	PH11-5.08 - K	66.0	50
12	PH12-5.08 - K	71.1	50
13	PH13-5.08 - K	76.2	20
14	PH14-5.08 - K	81.3	20
15	PH15-5.08 - K	86.4	20
16	PH16-5.08 - K	91.4	20
17	PH17-5.08 - K	96.5	20
18	PH18-5.08 - K	101.6	20
19	PH19-5.08 - K	106.7	20
20	PH20-5.08 - K	111.8	20
21	PH21-5.08 - K	116.6	20
22	PH22-5.08 - K	121.9	20



Dimensions

A	12.20 mm	I	4.10 mm
B	*	J	4.10 mm
C	8.10 mm	K	–
D	1.90 mm	L	1.00 mm
E	–	M	1.00 mm
F	–	N	15.50 mm
G	4.00 mm	O	–
H	22.80 mm	P	5.08 mm

Pin Spacing: 6.35mm
 Orientation: Vertical Plug
 Clamp Type: Screw Cage
 Design: Modular - Card Edge



MVI

ELECTRICAL

	Current	Voltage	Wire Range
	20A ^①	300V	30-12AWG
	10A	500V	4.0mm ² Stranded 6.0mm ² Solid

INSTALLATION DATA

Screw Size	M3	PCB Thickness	1.5-1.7mm
Torque	0.5Nm (4.5 lbf-in.)	Stripping Lgth.	9.8mm

MATERIAL

Body	PA6.8	Screw	Galvanized Steel
Flammability Class	UL94V-0	Terminal	Nickeled Brass
Temperature Limit	105°C UL 125°C IEC	Clamp	Nickeled Brass
Color	Black		

No. Poles	Cat. #	Length (B) (mm)	Std. Pk.
2	MVI-2	12.7	100
3	MVI-3	19.0	100
4	MVI-4	25.4	50
5	MVI-5	31.8	50
6	MVI-6	38.1	50
7	MVI-7	44.5	50
8	MVI-8	50.8	50
9	MVI-9	57.2	50
10	MVI-10	63.5	50
11	MVI-11	69.9	50
12	MVI-12	76.2	50
13	MVI-13	82.6	20
14	MVI-14	88.9	20
15	MVI-15	95.3	20
16	MVI-16	101.6	20



Dimensions

A	33.00 mm	I	3.10 mm
B	12.70 mm	J	3.90 mm
C	11.40 mm	K	Ø4.70 mm
D	3.20 mm	L	1.30 mm
E	6.70 mm	M	0.70 mm
F	4.00 mm	N	1.00 mm
G	15.00 mm	O	6.00 mm
H	1.50 mm	P	6.35 mm

^① 25A Factory Wiring - UL