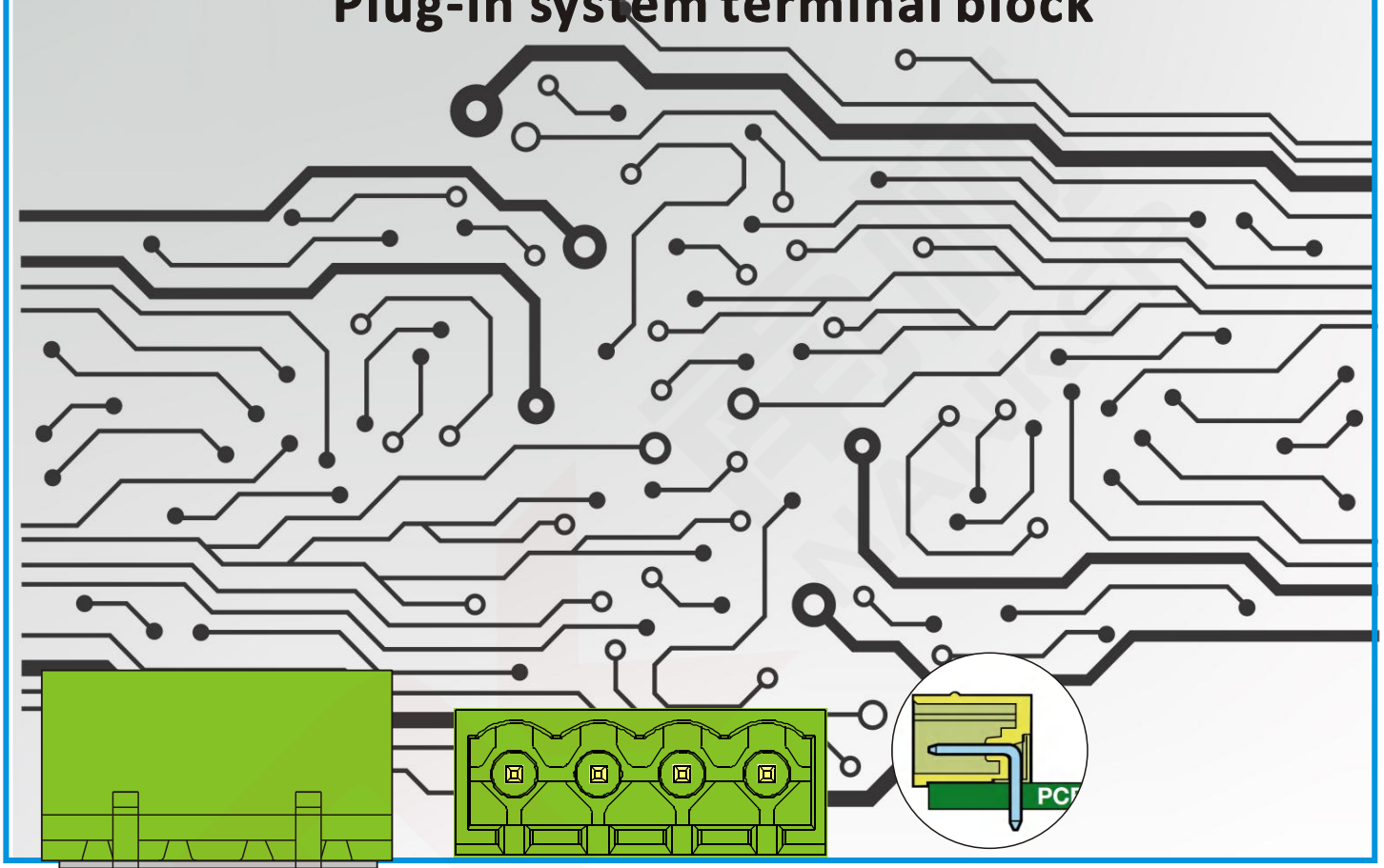
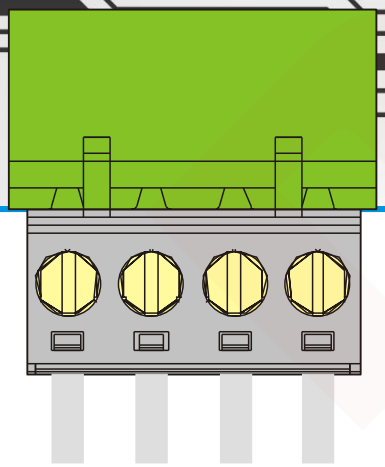
Pluggable

Headers

Plug-in system terminal block





Nomenclature rules

Example:

HA BH 250 xx x xxx

① ② ③ ④ ⑤ ⑥

① Type
② Product style
③ Pitch
④ Poles
⑤ Color
⑥ Custom

Color

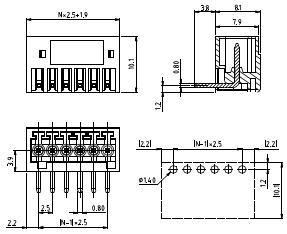
0	Black	5	Green
1	Brown	6	Blue
2	Red	7	Violet
3	Orange	8	Dark grey
4	Yellow	9	White

HA,HB,HC... Series. Headers(Sockets) for pluggable terminal blocks, these series are available in horizontal and vertical wire entry to meet your design requirements. The bi-level design provides higher utilization of space.

HABH250

Pitch 2.5mm
Poles 2p~24p

Header, plug-in direction parallel to the PCB



Technical data

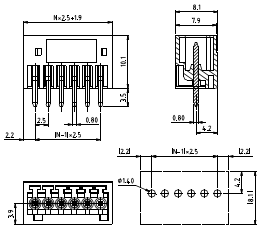
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage(V)	150	-	-
Nominal current (A)	4	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	4/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	80	160	320
Rated surge voltage(kV)	1.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HABV250

Pitch 2.5mm
Poles 2p~24p

Header, plug-in direction vertical to the PCB



Technical data

Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage(V)	150	-	-
Nominal current (A)	4	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	4/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
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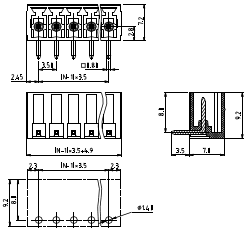
Rated surge voltage(kV)	1.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HABH350

Pitch 3.5mm
Poles 2p~24p

Header, plug-in direction parallel to the PCB



Technical data

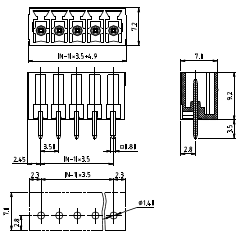
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage(V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HABV350

Pitch 3.5mm
Poles 2p~24p

Header, plug-in direction vertical to the PCB



Technical data

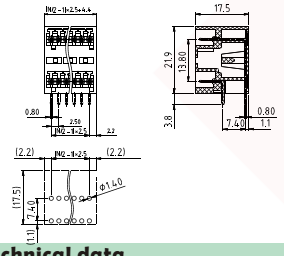
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage(V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HAEH250

Pitch 2.5mm
Poles 2p~24p

Double-level headers, plug-in direction parallel to the PCB



Technical data

Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	4	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	4/-		
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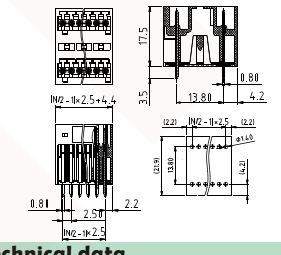
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	80	160	320
Rated surge voltage(kV)	1.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HAEV250

Pitch 2.5mm
Poles 2p~24p

Double-level headers, plug-in direction vertical to the PCB



Technical data

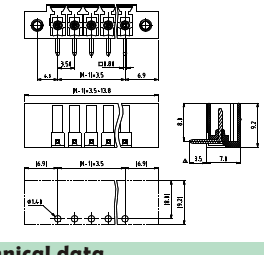
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	4	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	4/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	80	160	320
Rated surge voltage(kV)	1.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HACH350

Pitch 3.5mm
Poles 2p~24p

Header with threaded flange, plug-in direction parallel to the PCB



Technical data

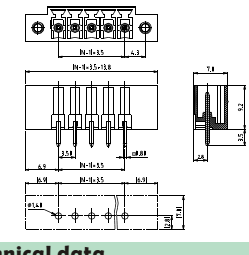
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HACV350

Pitch 3.5mm
Poles 2p~24p

Header with threaded flange, plug-in direction vertical to the PCB



Technical data

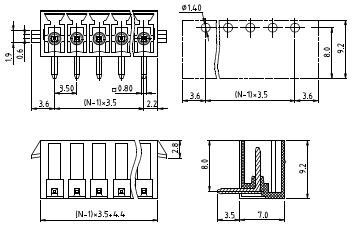
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HADH350

Pitch 3.5mm
Poles 2p~24p

Headers with engagement nose, plug-in direction parallel to the PCB



Technical data

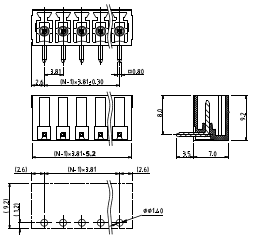
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HABH381

Pitch 3.81mm
Poles 2p~24p

Header, plug-in direction parallel to the PCB



Technical data

Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
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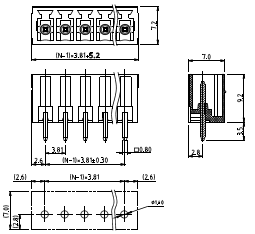
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HABV381

Pitch 3.81mm
Poles 2p~24p

Header, plug-in direction vertical to the PCB



Technical data

Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
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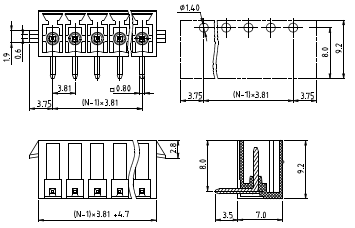
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HADH381

Pitch 3.81mm
Poles 2p~24p

Headers with engagement nose, plug-in direction parallel to the PCB



Technical data

Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
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Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HADV350

Pitch 3.5mm
Poles 2p~24p

Headers with engagement nose, plug-in direction vertical to the PCB

Technical data

Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HACH381

Pitch 3.81mm
Poles 2p~24p

Header with threaded flange, plug-in direction parallel to the PCB

Technical data

Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HACV381

Pitch 3.81mm
Poles 2p~24p

Header with threaded flange, plug-in direction vertical to the PCB

Technical data

Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
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Rated current/conductor cross-section (A/mm²)	8/-		
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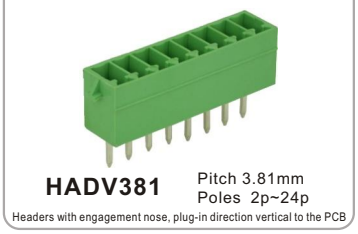
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HADV381

Pitch 3.81mm
Poles 2p~24p

Headers with engagement nose, plug-in direction vertical to the PCB



Technical data

Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
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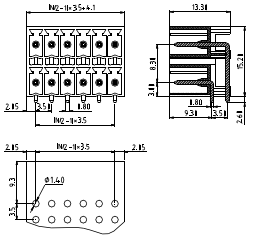
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HFBH350

Pitch 3.5mm
Poles 2*2p~2*24p

Double-level headers, plug-in direction parallel to the PCB



Technical data

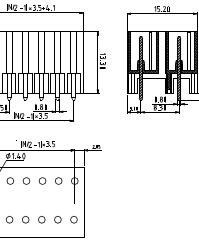
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		

HFBV350

Pitch 3.5mm
Poles 2*2p~2*24p

Double-level headers, plug-in direction vertical to the PCB



Technical data

Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
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Rated current/conductor cross-section (A/mm²)	8/-		
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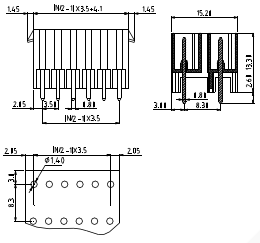
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		

HFDV350

Pitch 3.5mm
Poles 2*2p~2*24p

Double-level headers, with engagement nose, plug-in direction vertical to the PCB



Technical data

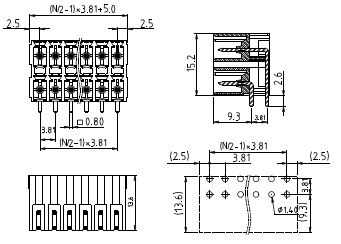
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		

HFBH381

Pitch 3.81mm
Poles 2*2p~2*24p

Double-level headers, plug-in direction parallel to the PCB



Technical data

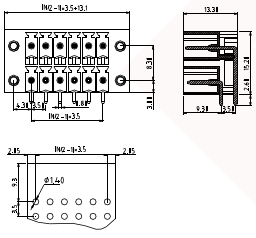
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		

HFCH350

Pitch 3.5mm
Poles 2*2p~2*24p

Double-level Header with threaded flange, plug-in direction parallel to the PCB



Technical data

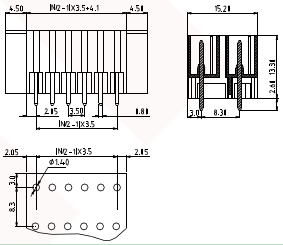
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		

HFCV350

Pitch 3.5mm
Poles 2*2p~2*24p

Double-level Header with threaded flange, plug-in direction vertical to the PCB



Technical data

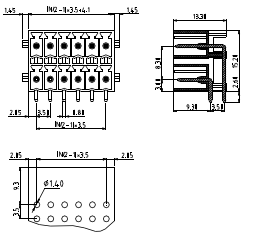
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		

HFDH350

Pitch 3.5mm
Poles 2*2p~2*24p

Double-level Header, with engagement nose plug-in direction parallel to the PCB



Technical data

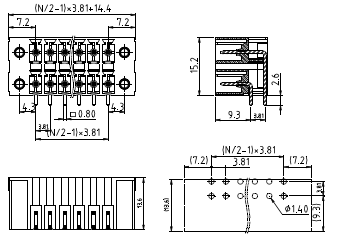
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		

HFCH381

Pitch 3.81mm
Poles 2*2p~2*24p

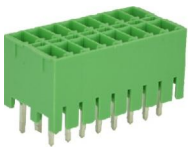
Double-level Header with threaded flange, plug-in direction parallel to the PCB



Technical data

Approval cULus

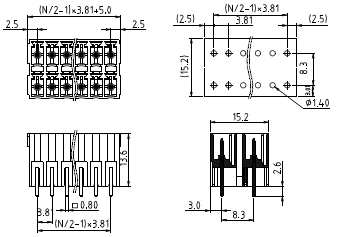
Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		



HFBV381

Pitch 3.81mm
Poles 2*2p~2*24p

Double-level headers, plug-in direction vertical to the PCB



Technical data

Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		

HFDV381

Pitch 3.81mm
Poles 2*2p~2*24p

Double-level headers, with engagement nose, plug-in direction vertical to the PCB

Technical data

Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		

HAEH381

Pitch 3.81mm
Poles 2*2p~2*24p

Double-level headers, plug-in direction parallel to the PCB

Technical data

Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HAEV381

Pitch 3.81mm
Poles 2*2p~2*24p

Double-level headers, plug-in direction vertical to the PCB

Technical data

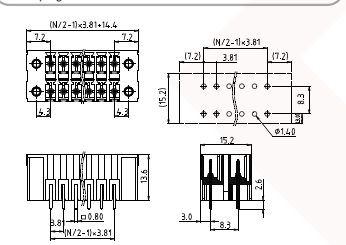
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HFCV381

Pitch 3.81mm
Poles 2*2p~2*24p

Double-level Header with threaded flange, plug-in direction vertical to the PCB



Technical data

Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		

HFDH381

Pitch 3.81mm
Poles 2*2p~2*24p

Double-level Header, with engagement nose plug-in direction parallel to the PCB

Technical data

Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	150	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3~1.4/0.8*0.8		

HAFH381

Pitch 3.81mm
Poles 2*2p~2*24p

Double-level Header with threaded flange, plug-in direction parallel to the PCB

Technical data

Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HAFV381

Pitch 3.81mm
Poles 2*2p~2*24p

Double-level Header with threaded flange, plug-in direction vertical to the PCB

Technical data

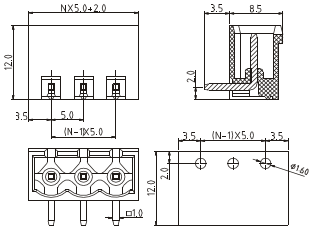
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	-
Nominal current (A)	8	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.4/0.8*0.8		

HABH500

Pitch 5.0mm
Poles 2p~24p

Header, plug-in direction parallel to the PCB



Technical data

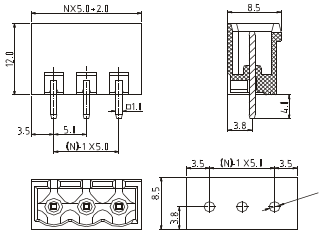
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HABV500

Pitch 5.0mm
Poles 2p~24p

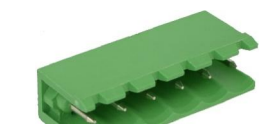
Header, plug-in direction vertical to the PCB



Technical data

Approval cULus VDE

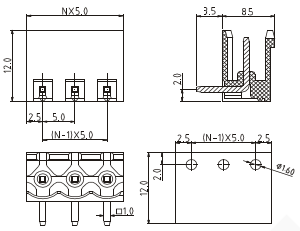
Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		



HAAH500

Pitch 5.0mm
Poles 2p~24p

Header, plug-in direction parallel to the PCB



Technical data

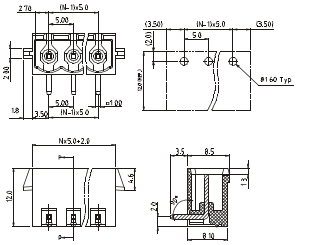
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HADH500

Pitch 5.0mm
Poles 2p~24p

Headers with engagement nose, plug-in direction parallel to the PCB



Technical data

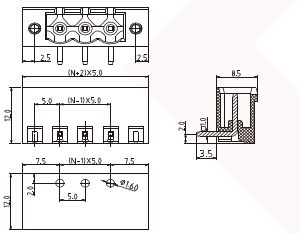
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HACH500

Pitch 5.0mm
Poles 2p~24p

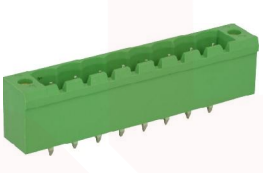
Header with threaded flange, plug-in direction parallel to the PCB



Technical data

Approval cULus VDE

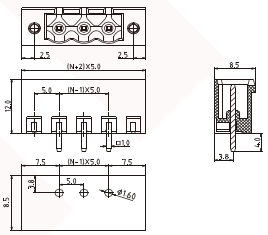
Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		



HACV500

Pitch 5.0mm
Poles 2p~24p

Header with threaded flange, plug-in direction vertical to the PCB



Technical data

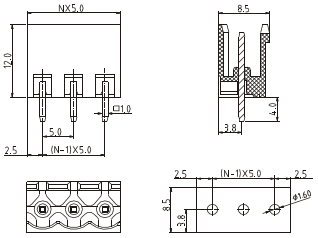
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HAAV500

Pitch 5.0mm
Poles 2p~24p

Header, plug-in direction vertical to the PCB



Technical data

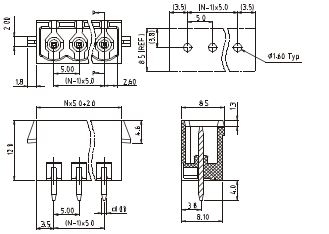
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HADV500

Pitch 5.08mm
Poles 2p~24p

Headers with engagement nose, plug-in direction vertical to the PCB



Technical data

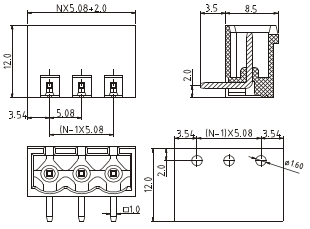
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HABH508

Pitch 5.08mm
Poles 2p~24p

Header, plug-in direction parallel to the PCB



Technical data

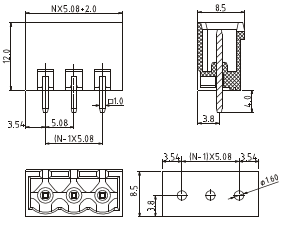
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HABV508

Pitch 5.08mm
Poles 2p~24p

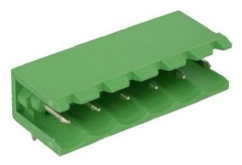
Header, plug-in direction vertical to the PCB



Technical data

Approval cULus VDE

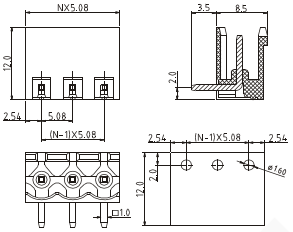
Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		



HAAH508

Pitch 5.08mm
Poles 2p~24p

Header, plug-in direction parallel to the PCB



Technical data

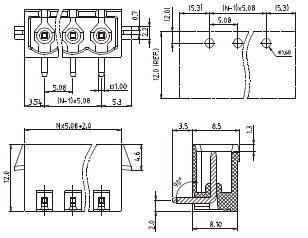
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HADH508

Pitch 5.08mm
Poles 2p~24p

Headers with engagement nose, plug-in direction parallel to the PCB



Technical data

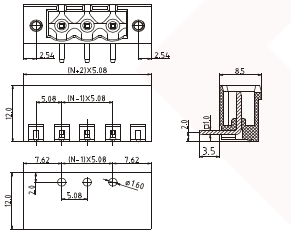
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HACH508

Pitch 5.08mm
Poles 2p~24p

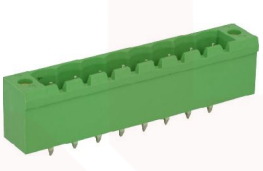
Header with threaded flange, plug-in direction parallel to the PCB



Technical data

Approval cULus VDE

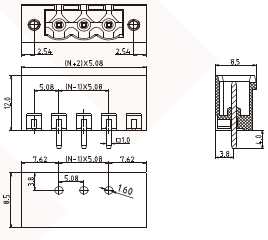
Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		



HACV508

Pitch 5.08mm
Poles 2p~24p

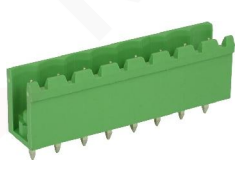
Header with threaded flange, plug-in direction vertical to the PCB



Technical data

Approval cULus VDE

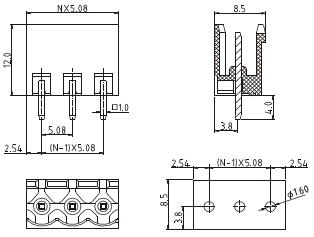
Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		



HAAV508

Pitch 5.08mm
Poles 2p~24p

Header, plug-in direction vertical to the PCB



Technical data

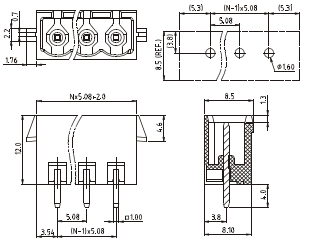
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HADV508

Pitch 5.08mm
Poles 2p~24p

Headers with engagement nose, plug-in direction vertical to the PCB



Technical data

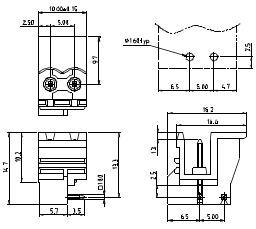
Approval cULus VDE

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HDAL500

Pitch 5.0mm
Poles 2p

Header with pin strip leading off at a right angle, "PCB on the left"



Technical data

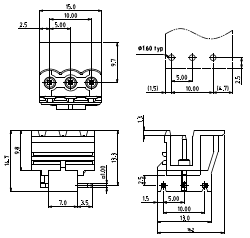
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HDAL500

Pitch 5.0mm
Poles 3p

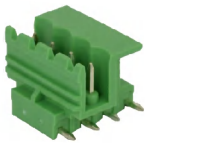
Header with pin strip leading off at a right angle, "PCB on the left"



Technical data

Approval cULus

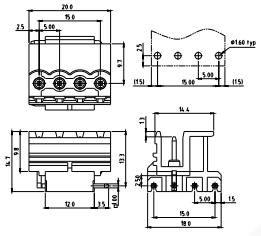
Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		



HDAL500

Pitch 5.0mm
Poles 4p

Header with pin strip leading off at a right angle, "PCB on the left"



Technical data

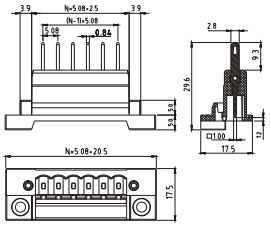
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HECV508

Pitch 5.08mm
Poles 2p~24p

Feed-through header with threaded flange, with solder or slip-on connection



Technical data

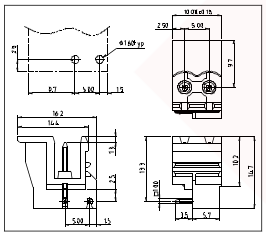
Approval cULus (Pending)

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/2.5		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	320	320	630
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group to UL 94	PA 66/IV0		
Slip-on connection(DIN 46249-1)(mm)	2.8*0.8		
The thick housing walls(mm)	for 0.5 to 4		

HDAR500

Pitch 5.0mm
Poles 2p

Header with pin strip leading off at a right angle, "PCB on the right"



Technical data

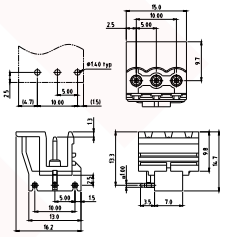
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HDAR500

Pitch 5.0mm
Poles 3p

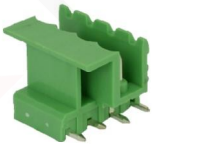
Header with pin strip leading off at a right angle, "PCB on the right"



Technical data

Approval cULus

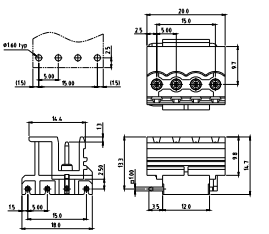
Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		



HDAR500

Pitch 5.0mm
Poles 4p

Header with pin strip leading off at a right angle, "PCB on the right"



Technical data

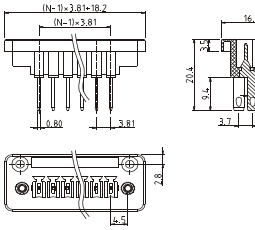
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HECV381

Pitch 3.81mm
Poles 2p~24p

Feed-through header with threaded flange, with solder or slip-on connection



Technical data

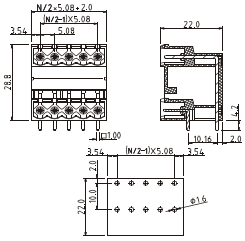
Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	8	-	8
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	160		
Rated current/conductor cross-section (A/mm²)	8/1.5		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	160	160	250
Rated surge voltage(kV)	2.5	2.5	2.5
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group to UL 94	PA 66/IV0		
Slip-on connection(DIN 46249-1)(mm)	2.8*0.8		
The thick housing walls(mm)	for 0.5 to 4		

HAEH508

Pitch 5.08mm
Poles 2*2p~2*24p

Double-level headers, plug-in direction parallel to the PCB



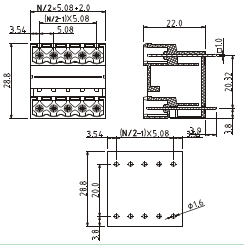
Technical data Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HAEV508

Pitch 5.08mm
Poles 2*2p~2*24p

Double-level headers, plug-in direction vertical to the PCB



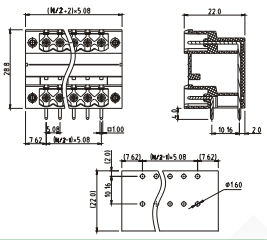
Technical data Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HAFH508

Pitch 5.08mm
Poles 2*2p~2*24p

Double-level Header with threaded flange, plug-in direction parallel to the PCB



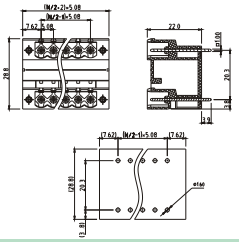
Technical data Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

HAFV508

Pitch 5.08mm
Poles 2*2p~2*24p

Double-level Header with threaded flange, plug-in direction vertical to the PCB



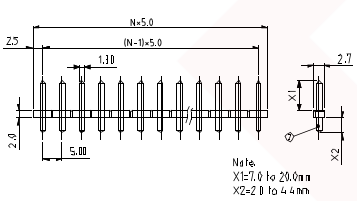
Technical data Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	15	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	0.3Max.		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.6/1*1		

GAVA500

Pitch 5.0mm
Poles 2p~24p

Pin header, plug-in direction vertical to to the PCB



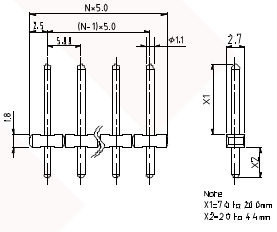
Technical data Approval cULus VDE (Pending)

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	14	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC and VDE			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.5/ Ø1.3		

GBVA500

Pitch 5.0mm
Poles 2p~24p

Pin header, plug-in direction vertical to to the PCB



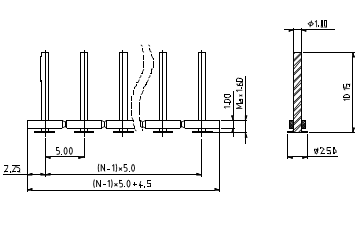
Technical data Approval cULus

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	10	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3/ Ø1.1		

GCVA500

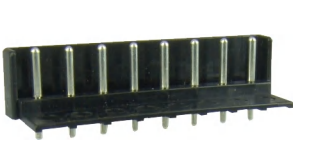
Pitch 5.0mm
Poles 2p~12p

Pin header, plug-in direction vertical to to the PCB



Technical data Approval cULus

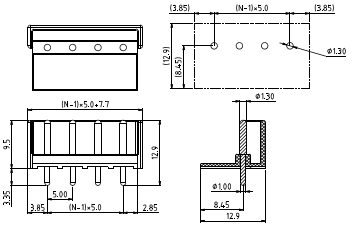
Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	-
Nominal current (A)	10	-	-
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)			



GEVA500

Pitch 5.0mm
Poles 2p~24p

Pin header, plug-in direction vertical to to the PCB



Technical data Approval cULus (Pending)

Technical data(UL/cUL) Use Group	B	C	D
Nominal voltage (V)	300	-	300
Nominal current (A)	10	-	10
Connection capacity(AWG)	-	-	-
Technical data in accordance with IEC			
Rated insulation voltage at pollution degree 2 (V)	320		
Rated current/conductor cross-section (A/mm²)	12/-		
Solid/stranded(mm²)	-		
Surge voltage category/pollution degree	III/3	III/2	II/2
Rated insulation voltage(V)	250	320	400
Rated surge voltage(kV)	4	4	4
Genenral data			
Nnt flange tightening torque(N.m)	-		
Insulation material group	PA 66/I		
Inflammability class acc. To UL 94	V0		
Borehole diameter/pin dimensions(mm)	1.3/ Ø1.0		