

Printview: Male header (for PCBs); Angled solder pin 1 x 1 mm; 18-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismating; with closed end; Horizontal PCB mounting - Item No.: 734-178

**WAGO**® online catalog / eShop

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## Marking

RoHS ✓  
Compliant

## Business data

Supplier	WAGO
Item no.	734-178
EAN	4044918872454
Content	1
Order amount	50
Customer item number	

## Notes

1 x 1mm pin cross section allows nominal current up to 10A 100% protected against mismating Coding option available

## Technical data

### Miscellaneous

No. of Poles	18
Color	light gray
Ratings according to 1	IEC/EN 60664-1
Overvoltage category EN 1	III
Pollution degree (1)	2
Rated voltage EN (1) [V]	160 [V]
Rated surge voltage (1) [kV]	2.5 [kV]

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<b>Technical data</b>	
Nominal current [A]	10 [A]
Overvoltage category EN 2	II
Degree of pollution (2)	2
Rated voltage EN (2) [V]	320 [V]
Bemessungsstossspannung (2) [kV]	2.5 [kV]
Nominal current (2) [A]	10 [A]
Overvoltage category EN 3	III
Degree of pollution (3)	3
Rated voltage EN (3) [V]	160 [V]
Rated surge voltage (3) [kV]	2.5 [kV]
Nominal current (3) [A]	10 [A]
Solder pin length [mm]	3.8 [mm]
Solder pin width A [mm]	1 [mm]
Solder pin width B [mm]	1 [mm]
Drilled hole diameter [mm] [mm]	1.4 [mm]
Tolerance of drilled hole diameter [mm] [mm]	+0.1 [mm]
Material group	I
Insulating material	Polyamide 6.6 (PA 6.6)
Flammability rating per UL 94	V0
Lower limit temperature [C]	-60 [C]
Upper temperature limit [C]	100 [C]
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load [MJ]	0.067 [MJ]
Weight [g]	4.606 [g]
Width [mm]	65.4 [mm]
Width [in]	2.575 [in]
Height [mm]	8.5 [mm]
Height [in]	0.335 [in]
Length [mm]	10.3 [mm]
Length [in]	0.406 [in]
Pin spacing from [mm]	3.5 [mm]
Pin spacing up to [mm]	3.5 [mm]
Pin spacing from [in]	0.138 [in]

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#### Technical data

Pin spacing up to [in]	0.14 [in]
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#### Approbation

Item No.	Registration	Registration no.	Voltage [V]	Current [A]	Cross section [mm <sup>2</sup> , AWG]
734-178	ABS	04-HG469925/1-PDA	250	10	0,5-1,5
734-178	CSA	154112-1465035	300	10	28-14
734-178	KEMA	2077592.02	250	10	0,5-1,5
734-178	UL	E45172	300	10	
734-178	UL	E45171	250	10	28-14

#### Accessories

##### Coding

Item no.	Description	Pack. unit (Sub Pack)
734-130	Coding key; to be snapped above top level	100

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## Accessories

### Counterpart

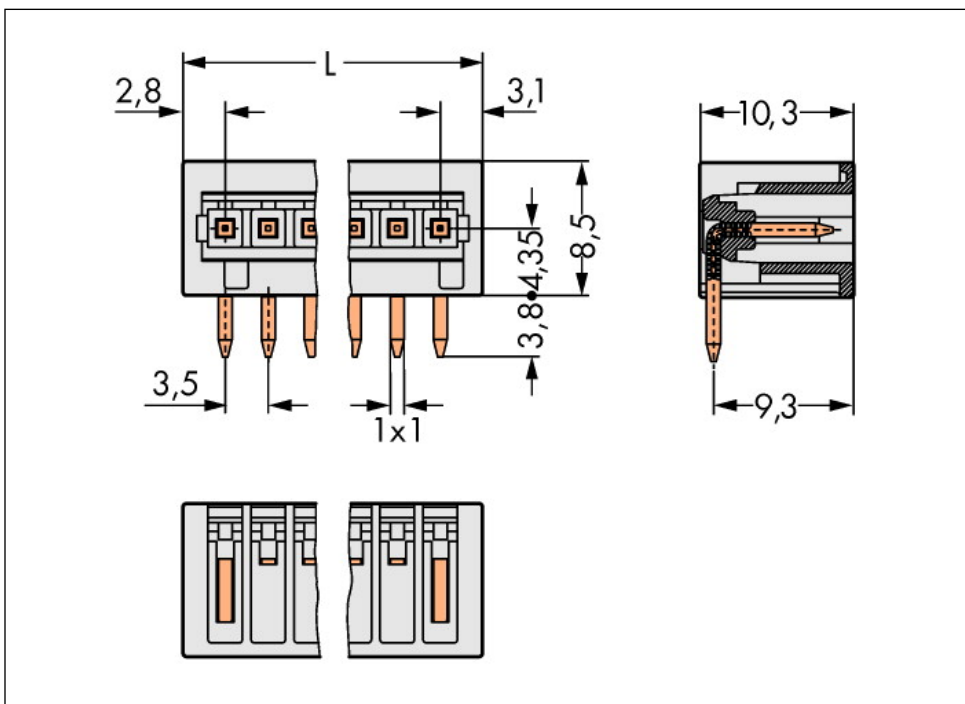
Item no.	Description	Pack. unit (Sub Pack)
2734-118	Female connector; with integrated push-buttons; 18-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	25
2734-118/027-000	Female connector; with integrated push-buttons; 100% protected against mismatching; codable; with fixing flanges	25
2734-118/031-000	Female connector; with fixing flanges; 18-pole; with integrated push-buttons; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	25
2734-118/037-000	Female connector; with locking levers; 18-pole; with integrated push-buttons; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	25
2734-118/107-000	Female connector; with screw flange; 18-pole; with integrated push-buttons; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	25
734-118	Female connector; 18-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	25
734-118/008-000	Female connector; with snap-in mounting foot; 18-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable; Plate thickness 0.6x1.2 mm; Fixing holes 3.5 mm Ø	25
734-118/037-000	Female connector; with locking levers; 18-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	25
734-118/107-000	Female connector; with screw flange; 18-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching	25
734-478	Female connector; with straight solder pins; 18-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; solder pin 0.9 mm x 0.9 mm; codable; Vertical PCB mounting	25
734-478/037-000	Female connector; with locking levers; 18-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; with straight solder pins; solder pin 0.9 mm x 0.9 mm; codable	25
734-548	Female connector; with angled solder pins; 18-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; solder pin 0.9 mm x 0.9 mm; codable; Horizontal PCB mounting	25
734-548/037-000	Female connector; with locking levers; 18-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; with angled solder pins; solder pin 0.9 mm x 0.9 mm; codable	25

### General accessory

Item no.	Description	Pack. unit (Sub Pack)
734-420	Cover for male connectors; for 734 Series; IP20 protection	25

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### Images & drawings



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## Address

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Technische Änderungen und Irrtümer vorbehalten.