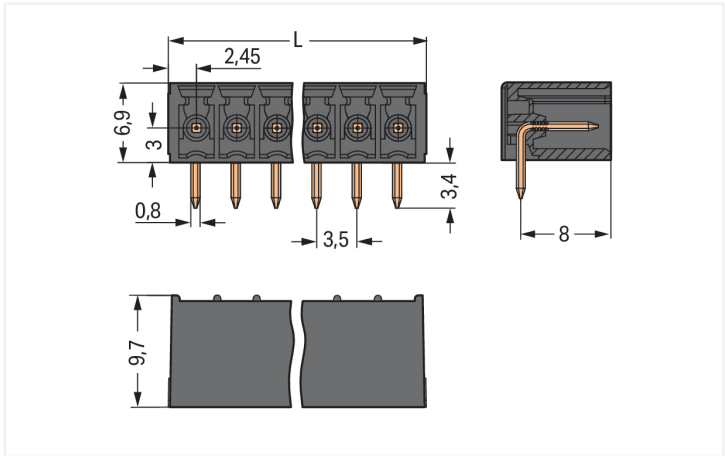
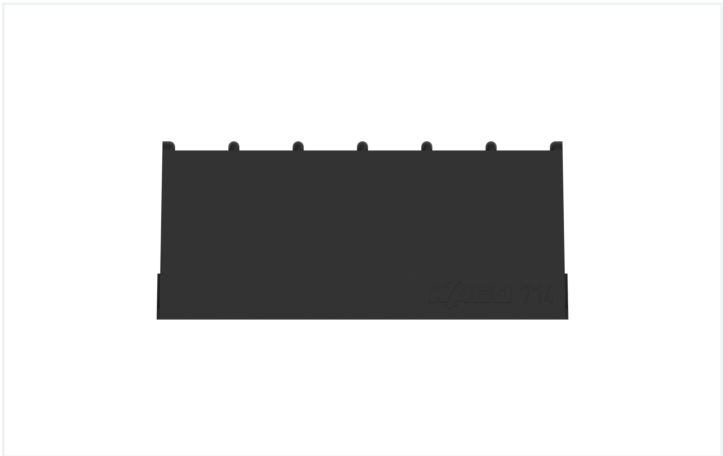
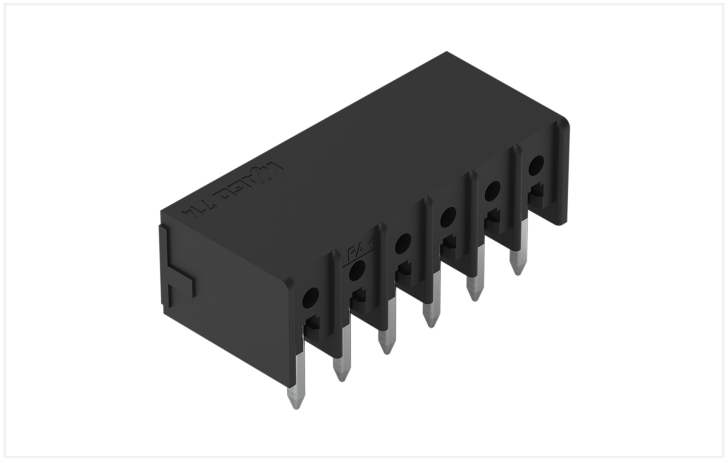
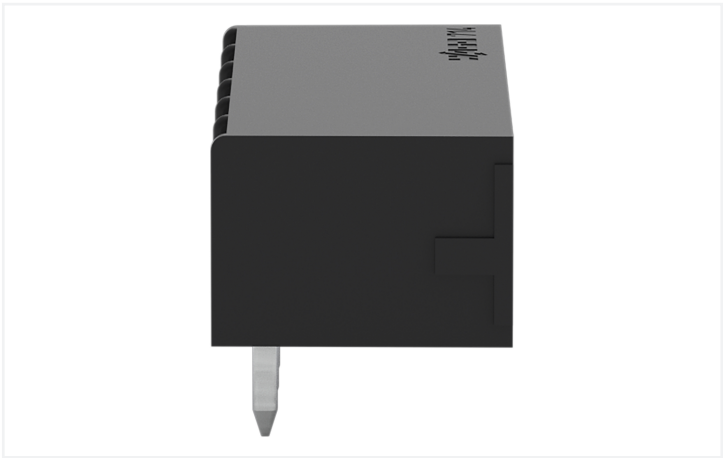
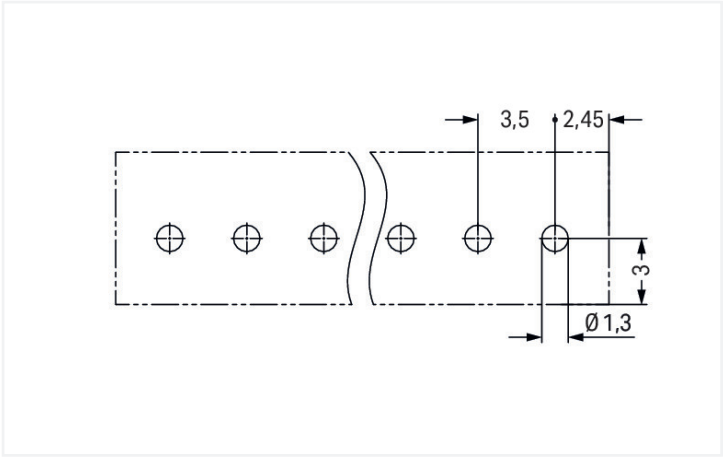




Color: ■ black



Dimensions in mm
 $L = (\text{pole no.} - 1) \times \text{pin spacing} + 4.9 \text{ mm}$





Stiftleiste Serie 714 mit Lötstiftabmessungen 0,8 x 0,8 mm

Bei dieser Stiftleiste (Artikelnummer 714-166) ist eine fehlerfreie Elektroinstallation der Schwerpunkt. Mit unseren Leiterplatten-Steckverbindern bekommen Sie ein ganzheitliches Steckverbindersystem, das vielseitig eingesetzt werden kann: als Leiterplatten-Steckverbinder, als Durchführungssteckverbinder, als fliegende Steckverbindung für verschiedene Montagearten oder als Steckverbinder auf Reihenklemmen. Die Maße betragen in Breite x Höhe x Tiefe (22,4 x 10,3 x 9,7) mm. Für die Oberfläche der Kontakte wurde Zinn verwendet. Das MCS – "Multi Connection System" von WAGO umfasst insgesamt 7 Familien in den Rastermaßen 2,5 mm bis 10,16 mm und bietet mit dem Leiterquerschnittsbereich von 0,08 bis 25 mm² ein großes Portfolio an Einsatzmöglichkeiten. Der Leiterplatten-Steckverbinder wird mittels THT verlötet.

Notes	
Safety Information	The MCS – <i>MULTI CONNECTION SYSTEM</i> includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.
Variants:	Other pole numbers Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/ .



Electrical data

Ratings per IEC/EN 60664-1				Approvals per UL 1059			
Overvoltage category	III	III	II	Use group	B	C	D
Pollution degree	3	2	2	Rated voltage	150 V	-	-
Nominal voltage	160 V	160 V	320 V	Rated current	8 A	-	-
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV				
Rated current	8 A	8 A	8 A				

Connection data

Total number of potentials	6	Connection 1	
Number of connection types	1	Pole number	6
Number of levels	1		

Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	22.4 mm / 0.882 inches
Height	10.3 mm / 0.406 inches
Height from the surface	6.9 mm / 0.272 inches
Depth	9.7 mm / 0.382 inches
Solder pin length	3.4 mm
Solder pin dimensions	0.8 x 0.8 mm
Drilled hole diameter with tolerance	1.2 (+0.1) mm

Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	No
Mating direction to the PCB	0°

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire male connector (in-line)
Number of solder pins per potential	1

Material data

Note (material data)	Information on material specifications can be found here
Color	black
Material group	I
Insulation material (main housing)	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{Cu})
Contact Plating	Tin
Fire load	0.026 MJ
Weight	1.3 g



Environmental requirements	
Limit temperature range	-60 ... +100 °C
Processing temperature	-35 ... +60 °C

Commercial data	
Product Group	3 (Multi Conn. System)
PU (SPU)	200 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454859190
Customs tariff number	85366930000

Product classification	
UNSPSC	39121409
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-01
ETIM 9.0	EC002637
ETIM 8.0	EC002637
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CCA DEKRA Certification B.V.	EN 61984	NTR NL-7604
KEMA/KEUR DEKRA Certification B.V.	EN 61984	2198681.01
UR Underwriters Laboratories Inc.	UL 1059	E45172

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 714-166	



Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data

CAD data
2D/3D Models 714-166

CAE data
ZUKEN Portal 714-166

PCB Design
Symbol and Footprint via SamacSys 714-166
Symbol and Footprint via Ultra Librarian 714-166

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 714-106
1-conductor female connector; push-but-
ton; 1.5 mm²; Pin spacing 3.5 mm; 6-pole;
1,50 mm²; black

Item No.: 714-106/000-047
1-conductor female connector; push-but-
ton; 1.5 mm²; Pin spacing 3.5 mm; 6-pole;
direct marking; 1,50 mm²; black

1.2 Optional Accessories

1.2.1 Coding

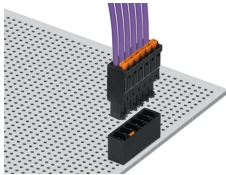
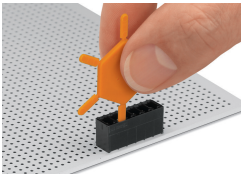
1.2.1.1 Coding



Item No.: 714-101
Coding key; orange

Installation Notes

Coding



Coding a male header by inserting a cod-
ing pin.

Coded connectors

Subject to changes. Please also observe the further product documentation!

Current addresses can be found at: www.wago.com