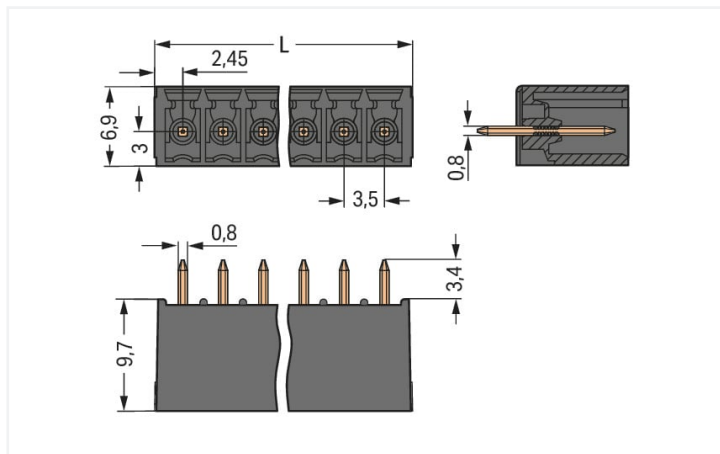
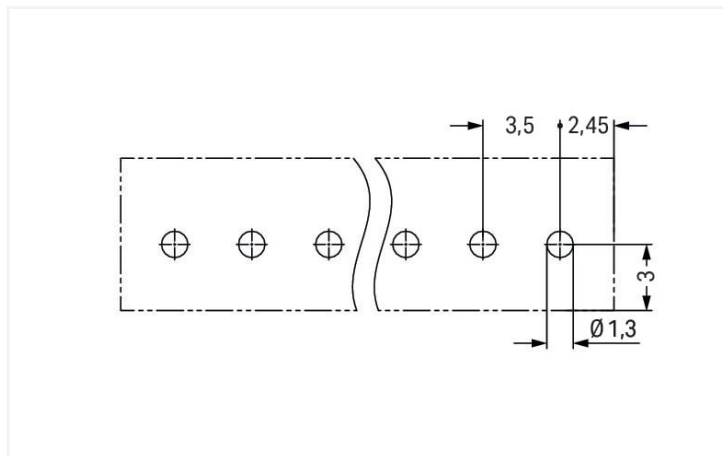


<https://www.wago.com/714-132>



Similar to illustration


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


- Male headers may be mounted horizontally or vertically via straight or angled solder pins
- Header housing is molded of THR-compatible insulation material for lead-free Reflow soldering
- Separated pin slots prevent damage and make the headers touch-proof when unplugged
- Coding option available

Safety information

Variants:

The MCS – MULTI CONNECTION SYSTEM 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.

Other pole numbers

Other versions (or variants) can be requested from WAGO Sales or configured at <https://configurator.wago.com/>.

Ratings per		IEC/EN 60664-1	
Overvoltage category	III	III	II
Pollution degree	3	2	2
Nominal voltage	160 V	160 V	320 V
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV
Rated current	8 A	8 A	8 A

Approvals per		UL 1059	
Use group	B	C	D
Rated voltage	150 V	-	-
Rated current	8 A	-	-



Connection data		
Total number of potentials	2	Connection 1
Number of connection types	1	
Number of levels	1	
		Pole number 2

Physical data		
Pin spacing	3.5 mm / 0.138 inches	
Width	8.4 mm / 0.331 inches	
Height	13.1 mm / 0.516 inches	
Height from the surface	9.7 mm / 0.382 inches	
Depth	6.9 mm / 0.272 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	90 °	

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	Polyphthalamide (PPA GF)	
Flammability class per UL94	V0	
Contact material	Electrolytic copper (E _{Cu})	
Contact plating	Tin	
Fire load	0.012 MJ	
Weight	0.4 g	



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

Commercial data	
Product Group	3 (Multi Conn. System)
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-01
ETIM 8.0	EC002637
ETIM 7.0	EC002637
PU (SPU)	200 pcs
Packaging type	Box
Country of origin	DE
GTIN	4045454857684
Customs tariff number	85366930000

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 714-132	



Documentation

Additional Information

Technical Section

03.04.2019

pdf
2027.26 KB



CAD/CAE-Data

CAD data

2D/3D Models 714-132



CAE data

ZUKEN Portal 714-132



PCB Design

Symbol and Footprint
via SamacSys 714-132



Symbol and Footprint
via Ultra Librarian
714-132



1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



[Item No.: 714-102](#)

1-conductor female connector; push-but-
ton; 1.5 mm²; Pin spacing 3.5 mm; 2-pole;
1,50 mm²; black



[Item No.: 714-102/000-047](#)

1-conductor female connector; push-but-
ton; 1.5 mm²; Pin spacing 3.5 mm; 2-pole;
direct marking; 1,50 mm²; black

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding

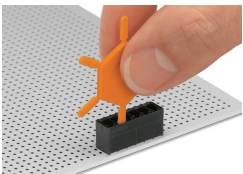


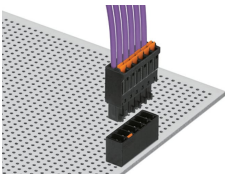
[Item No.: 714-101](#)

Coding key; orange

Installation Notes

Coding





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

Coded connectors

