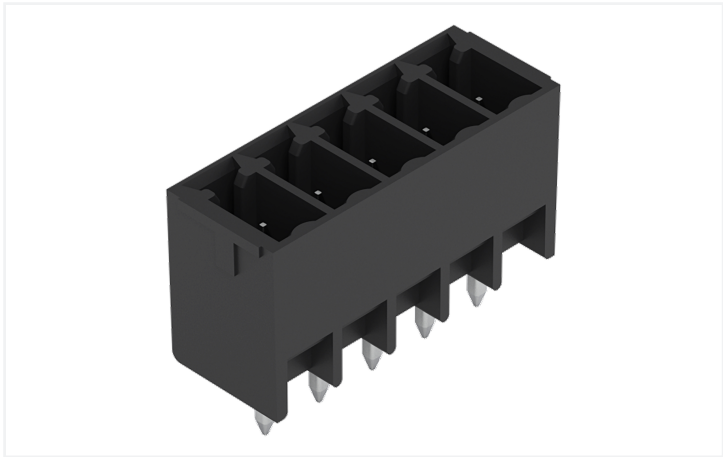


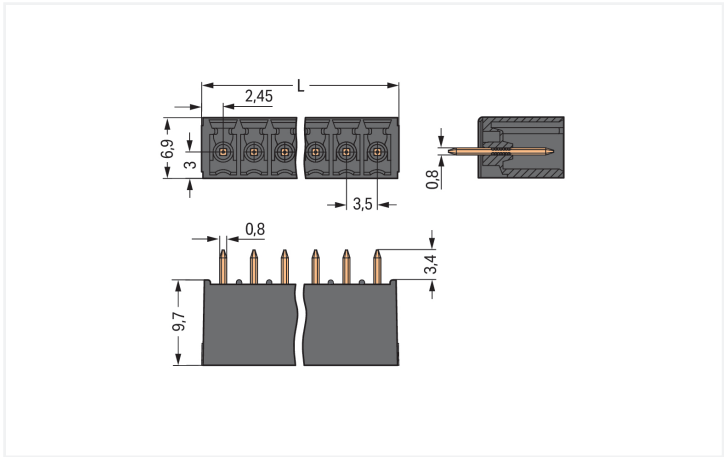
Data Sheet | Item Number: 714-135

THT male header; 0.8 x 0.8 mm solder pin; straight; Pin spacing 3.5 mm; 5-pole;
black

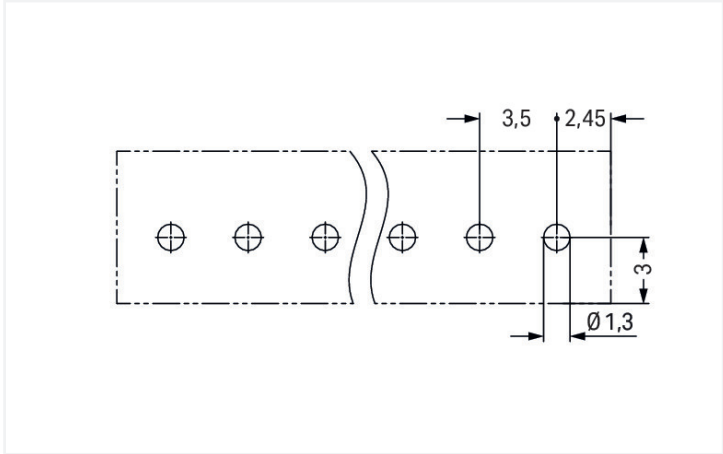
<https://www.wago.com/714-135>



Color: ■ black



Dimensions in mm
L = (pole no. – 1) x pin spacing + 4.9 mm



Male connector, 714 Series, solder pin dimensions 0.8 x 0.8 mm

This male connector (item number 714-135) simplifies electrical installations. Dimensions: (18.9 x 13.1 x 6.9) mm (width x height x depth).

Tin is used for coating the contact surfaces. The pcb connector is designed for THT soldering.

Notes	
Safety Information	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.
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		
Overvoltage category		III	III	II
Pollution degree		3	2	2
Nominal voltage		160 V	160 V	320 V
Rated impulse withstand 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	5
Number of connection types	1
Number of levels	1

Connection 1	
Pole number	5

Physical data	
Pin spacing	3.5 mm / 0.138 inches
Width	18.9 mm / 0.744 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 (main housing)	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{Cu})
Contact Plating	Tin
Fire load	0 MJ
Weight	1.1 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	PL
GTIN	4045454858858
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 10.0	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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 714-135

Download icon

Documentation

Additional Information

Technical Section

03.04.2019

pdf
2027.26 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 714-135

↓

CAE data

ZUKEN Portal 714-135

↓

PCB Design

Symbol and Footprint
via SamacSys 714-135

↓

Symbol and Footprint
via Ultra Librarian
714-135

↓

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 714-105

1-conductor female connector; push-but-
ton; 1.5 mm²; Pin spacing 3.5 mm; 5-pole;
black



Item No.: 714-105/000-047

1-conductor female connector; push-but-
ton; 1.5 mm²; Pin spacing 3.5 mm; 5-pole;
direct marking; 1,50 mm²; black

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding

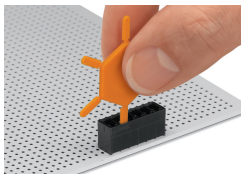


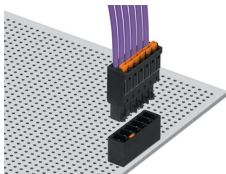
Item No.: 714-101

Coding key; orange

Installation Notes

Coding





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

Coded connectors

