

Data Sheet | Item Number: 713-1413

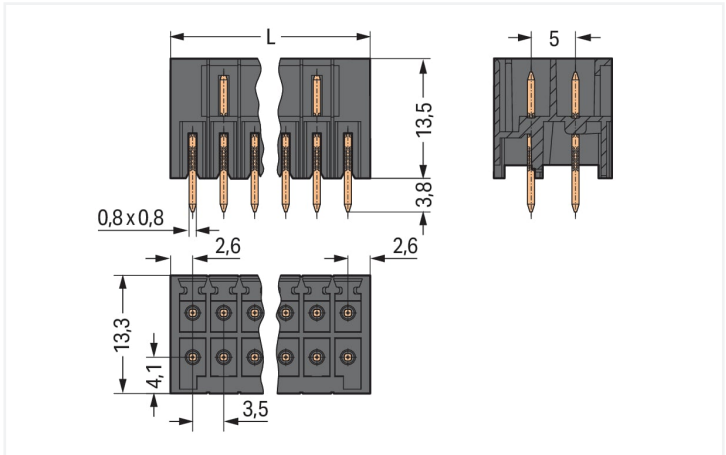
THT male header, 2-row; 0.8 x 0.8 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.5 mm; 26-pole; black

<https://www.wago.com/713-1413>

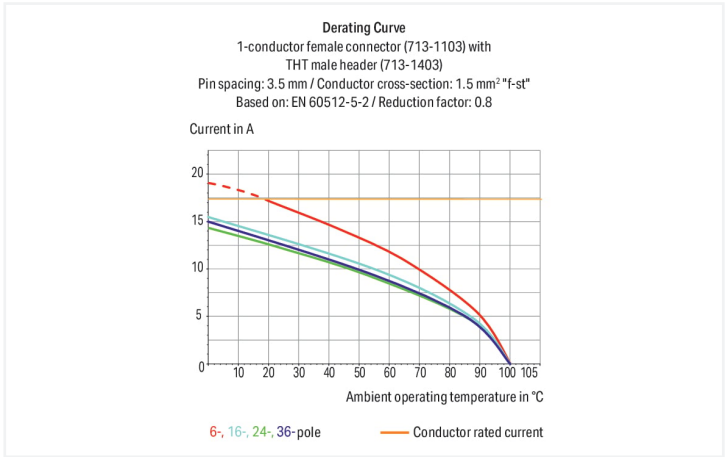
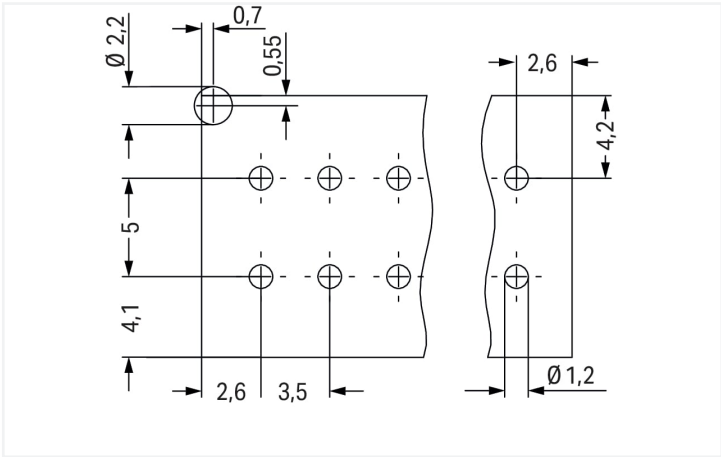


Color: ■ black

Similar to illustration



Dimensions in mm
 $L = [(pole\ no./2) - 1] \times pin\ spacing + 5.2\ mm$



Stiftleiste Serieu00a0713 mit Rastermaß 3,5 mm

Die Stiftleiste hat die Artikelnummer 713-1413 und ermöglicht eine saubere ordentliche Elektroinstallation. Mit unseren Leiterplatten-Steckverbindern erhalten Sie ein universelles Steckverbindersystem, das vielseitig Verwendung finden kann: als Leiterplatten-Steckverbinder, als Durchführungssteckverbinder, als fliegende Steckverbindung für verschiedene Montagearten oder als Steckverbinder auf Reihenklemmen. In Breite x Höhe x Tiefe betragen die Maße (47 x 17,3 x 13,3)u00a0mm. Die Oberfläche der Kontakte besteht aus Zinn. 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. Die Verlötung des Leiterplatten-Steckverbinders erfolgt mittels THT.

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 solder pin lengths Gold-plated or partially gold-plated contact surfaces 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
Pollution degree	3	2	2	Rated voltage	150 V	50 V
Nominal voltage	80 V	160 V	250 V	Rated current	10 A	10 A
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV			
Rated current	10 A	10 A	10 A			

Approvals per		CSA		
Use group	B	C	D	
Rated voltage	150 V	-	-	
Rated current	12 A	-	-	

Connection data			
Total number of potentials	26	Connection 1	
Number of connection types	1	Pole number	26
Number of levels	2		

Physical data	
Pin spacing	3.5 mm / 0.138 inches
Width	47 mm / 1.85 inches
Height	17.3 mm / 0.681 inches
Height from the surface	13.5 mm / 0.531 inches
Depth	13.3 mm / 0.524 inches
Solder pin length	3.8 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	Yes
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		0.137 MJ
Weight		6.7 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	27-44-04-02
ETIM 9.0	EC002637
ETIM 8.0	EC002637
PU (SPU)	25 pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454700089
Customs tariff number	85366930000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-102427
CSA CSA Group	C22.2	2315087
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-126089
UL Underwriters Laboratories Inc.	UL 1059	UL-US-L45172-6187124-22905991-1



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 713-1413

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Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB

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CAD/CAE-Data

CAD data

2D/3D Models 713-1413

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CAE data

ZUKEN Portal 713-1413

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PCB Design

Symbol and Footprint via SamacSys 713-1413

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Symbol and Footprint via Ultra Librarian 713-1413

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1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 713-1113
1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 26-pole; 100% protected against mismatching; 1,50 mm²; black



Item No.: 713-1113/000-047
1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 26-pole; 100% protected against mismatching; direct marking; 1,50 mm²; black



Item No.: 713-1113/000-9037
1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 26-pole; 100% protected against mismatching; direct marking; 1,50 mm²; black



Item No.: 713-1113/034-047
1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 26-pole; 100% protected against mismatching; Strain relief plate; direct marking; 1,50 mm²; black



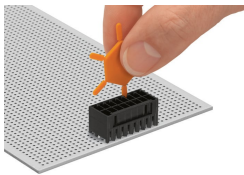
Item No.: 713-1113/034-9037
1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 26-pole; 100% protected against mismatching; Strain relief plate; direct marking; 1,50 mm²; black

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 coding pin.