

Data Sheet | Item Number: 713-1413/117-000

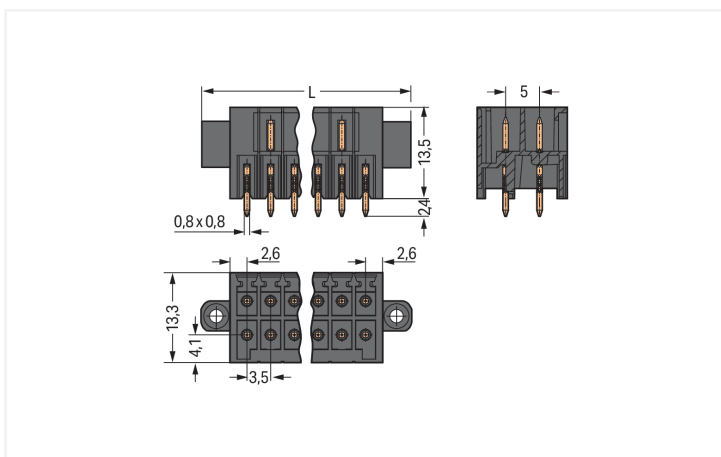
THR male header, 2-row; 0.8 x 0.8 mm solder pin; straight; 100% protected against mismatching; Threaded flange; Pin spacing 3.5 mm; 26-pole; black

<https://www.wago.com/713-1413/117-000>



Color: ■ black

Similar to illustration



Dimensions in mm

$L = [(pole\ no./2) - 1] \times pin\ spacing + 13.6\ mm$



Male connector, 713 Series, with 3.5 mm pin spacing

Our male connector (item number 713-1413/117-000) is designed for seamless electrical installations. The item's dimensions are (55.6 x 15.9 x 13.3) mm (width x height x depth).

Tin is used for coating the contact surfaces. The pcb connector is designed for THR 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 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	D
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 impulse withstand 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	55.6 mm / 2.189 inches
Height	15.9 mm / 0.626 inches
Height from the surface	13.5 mm / 0.531 inches
Depth	13.3 mm / 0.524 inches
Solder pin length	2.4 mm
Solder pin dimensions	0.8 x 0.8 mm
Plated through-hole diameter (THR)	1.3 (+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 °
Locking of plug-in connection	Threaded flange

PCB contact

PCB contact	THR
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	0.144 MJ
Weight	7.1 g
MSL per J-STD 020D	1

Environmental requirements

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

Commercial data

Product Group	3 (Multi Conn. System)
PU (SPU)	20 pcs
Packaging type	Box
Country of origin	PL
GTIN	4050821156505
Customs tariff number	85366930000

Product Classification

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

Environmental Product Compliance	
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	7b3b623d-ce0e-47c6-9ffe-abb633f62348
SCIP notification number (Belgium)	3913f7cd-e5b3-4e0b-90e3-9783892bbc98
SCIP notification number (Bulgaria)	ffac9ced-f174-4e97-8f4b-7c719d49ec7e
SCIP notification number (Czech Republic)	be4d0797-a550-4355-8ff5-0796db4553d3
SCIP notification number (Denmark)	fd23bad9-8a72-431c-a063-dfb55a755b3f
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SCIP notification number (France)	0551af88-f80a-49bb-a124-0d71aee945e1
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SCIP notification number (Hungary)	116929b6-5ab9-4f53-bb28-557d85d627c3
SCIP notification number (Italy)	0e6ee3a1-abd4-47f2-9799-7f0e0c215ee1
SCIP notification number (Netherlands)	6e8fbdcb-7a4b-424b-a701-0ee677326c23
SCIP notification number (Poland)	63d471bd-3b10-4f7f-9617-013690062f7c
SCIP notification number (Romania)	b7a7a595-c866-465a-9842-77de8188d0ae
SCIP notification number (Sweden)	8fc2f1fb-cf56-4e05-b347-515ca13bf585

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

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 713-1413/117-000	↓

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓
		pdf 535.32 KB	↓

CAD/CAE-Data

CAD data

2D/3D Models
713-1413/117-000



CAE data

ZUKEN Portal
713-1413/117-000



PCB Design

Symbol and Footprint
via SamacSys
713-1413/117-000



Symbol and Footprint
via Ultra Librarian
713-1413/117-000



1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: [713-1113/107-000](#)

1-conductor female connector, 2-row; CA-GE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 26-pole; 100% protected against mismatching; Screw flange; black

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding

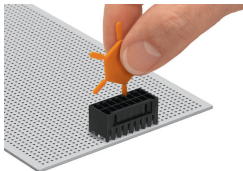


Item No.: [714-101](#)

Coding key; orange

Installation Notes

Coding



Coding a male header by inserting a coding pin.