

Data Sheet | Item Number: 713-1422/107-000

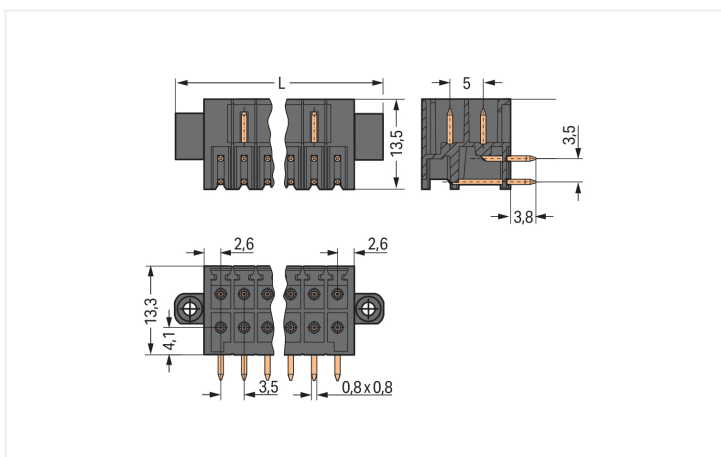
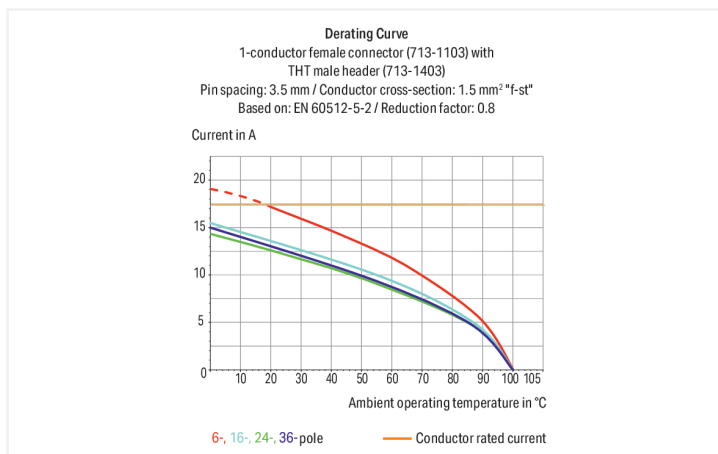
THT male header, 2-row; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismatching; Threaded flange; Pin spacing 3.5 mm; 4-pole; black

<https://www.wago.com/713-1422/107-000>



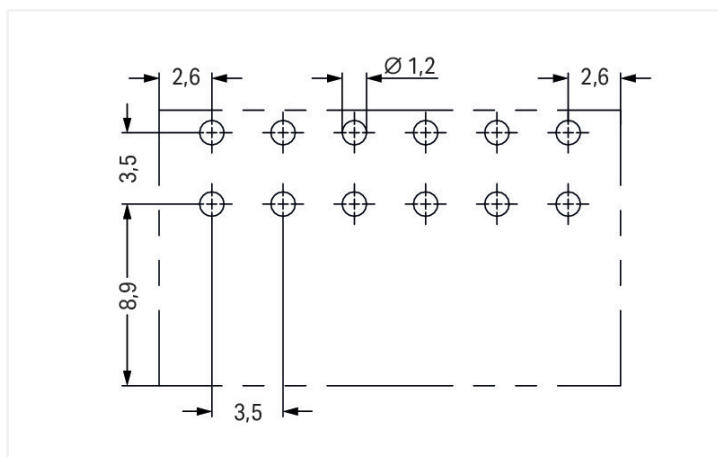
Color: ■ black

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 713-1422/107-000) simplifies electrical installations. Dimensions: (17.1 x 17.1 x 13.5) mm (width x height x depth).

The contact surface is coated with tin. 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 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	4	Connection 1	
Number of connection types	1	Pole number	4
Number of levels	2		

Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	15.1 mm / 0.594 inches
Height	17.3 mm / 0.681 inches
Height from the surface	13.3 mm / 0.524 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	0°
Locking of plug-in connection	Threaded flange

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	0.038 MJ
Weight	2 g

Environmental requirements

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

Commercial data

PU (SPU)	80 pcs
Packaging type	Box
Country of origin	PL
GTIN	4066966230390
Customs tariff number	85366930000

Product Classification

UNSPSC	39121409
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)	22ed3405-974d-4095-84ba-7d63e0ca4aa6
SCIP notification number (Belgium)	809ee9d2-7a3e-40c6-a758-45cd00fce061
SCIP notification number (Bulgaria)	4a831ff2-981f-46bf-8a41-02e6c4e90145
SCIP notification number (Czech Republic)	b075d1ad-5431-4e5a-a214-cbb392bf47ee
SCIP notification number (Denmark)	4d950571-b0e0-4f23-be5b-0f46a498ed48
SCIP notification number (Finland)	0a91248e-1585-4b13-b96d-ef052b4b0f3e
SCIP notification number (France)	a20edadb-134e-4d32-88df-cc8e022d177a
SCIP notification number (Germany)	6f8589fc-447c-4810-8a30-6e93b86e5d08
SCIP notification number (Hungary)	88396997-ce6b-4cad-9a43-185e3a36c30f
SCIP notification number (Italy)	21ec31d6-916e-42a0-ad0c-13a2a4780f21
SCIP notification number (Netherlands)	2824c8e4-be6b-44bd-a65e-9842288147ad
SCIP notification number (Poland)	0e5a9fe8-b1c0-4569-80d1-2bba9ab578af
SCIP notification number (Romania)	e0bdfdf1-52e9-4fdf-bafe-d59c8b27079d
SCIP notification number (Sweden)	5b2700e6-ad7e-4f59-bde6-6950819721b3

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-102427
CSA CSA Group	C22.2 No. 158	2315087
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-133740

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 713-1422/107-000	↓
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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
713-1422/107-000



1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: [713-1102/107-000](#)

1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mis-mating; Screw flange; 1,50 mm²; black



Item No.: [713-1102/107-000/031-000](#)

1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mis-mating; Screw flange; Strain relief plate; 1,50 mm²; black

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding

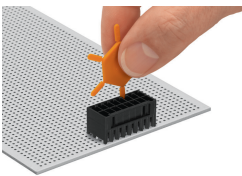


Item No.: [714-101](#)

Coding key; orange

Installation Notes

Coding



Coding a male header by inserting a coding pin.