

Data Sheet | Item Number: 713-1438/037-000

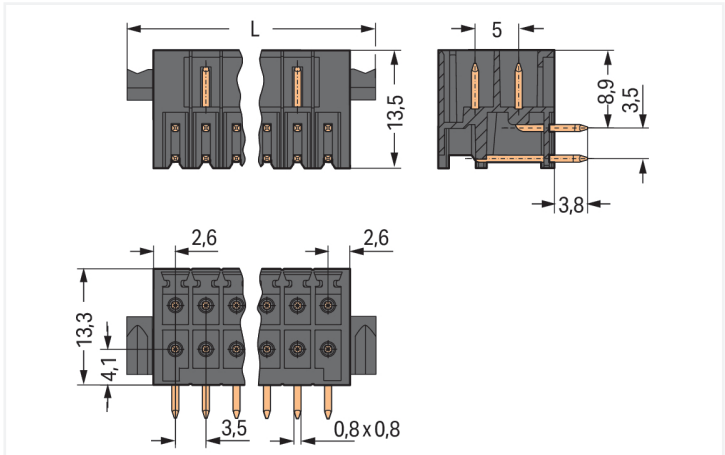
THT male header, 2-row; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismatching; Levers; Pin spacing 3.5 mm; 36-pole; black

<https://www.wago.com/713-1438/037-000>

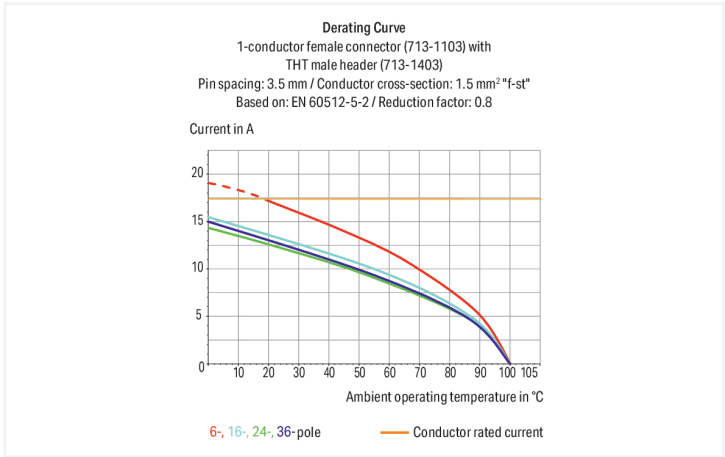
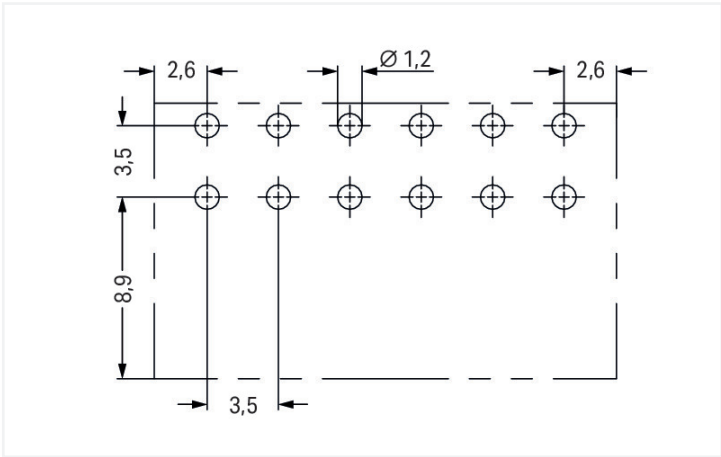


Color: ■ black

Similar to illustration



Dimensions in mm
 $L = [(pole\ no./2) - 1] \times pin\ spacing + 11.6\ mm$



Stiftleiste Serie 713, schwarz

Bei dieser Stiftleiste (Artikelnummer 713-1438/037-000) ist eine fehlerfreie Elektroinstallation der Fokus. Setzen Sie beim Design-In Ihres Gerätes auf erprobte Sicherheit: Mit Leiterplatten-Steckverbindern erhalten Sie verschiedene Verwendungsmöglichkeiten. In Breite x Höhe x Tiefe betragen die Maße (71,1 x 17,1 x 13,5) mm. Die Kontaktoberfläche ist aus Zinn. Das "Multi Connection System" – MCS von WAGO ist das vielfältige Steckverbinder-system mit überzeugenden Lösungen für Ihre Anwendungen. Der Leiterplatten-Steckverbinder wird mittels THT auf die Platine gelötet.

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 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	36	Connection 1	
Number of connection types	1	Pole number	36
Number of levels	2		

Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	71.1 mm / 2.799 inches
Height	17.1 mm / 0.673 inches
Height from the surface	13.3 mm / 0.524 inches
Depth	13.5 mm / 0.531 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	Locking lever

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	0.189 MJ
Weight	9.7 g

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

Commercial data	
Product Group	3 (Multi Conn. System)
PU (SPU)	10 pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454808891
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 8.0	EC002637
ECCN	NO US CLASSIFICATION

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	71-133740
UL Underwriters Laboratories Inc.	UL 1059	UL-US-L45172-6187124-22905991-1



Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 713-1438/037-000

Documentation

Additional Information
Technical Section
03.04.2019
pdf
2027.26 KB

CAD/CAE-Data

CAD data
2D/3D Models
713-1438/037-000

CAE data
ZUKEN Portal
713-1438/037-000

PCB Design
Symbol and Footprint via SamacSys
713-1438/037-000
Symbol and Footprint via Ultra Librarian
713-1438/037-000

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 713-1118/037-000
1-conductor female connector, 2-row;
CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 36-pole; 100% protected against mismatching; Levers; 1,50 mm²; black



Item No.: 713-1118/037-047
1-conductor female connector, 2-row;
CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 36-pole; 100% protected against mismatching; Levers; direct marking; 1,50 mm²; black



Item No.: 713-1118/037-9037
1-conductor female connector, 2-row;
CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 36-pole; 100% protected against mismatching; Levers; direct marking; 1,50 mm²; black



Item No.: 713-1118/037-047/035-000
1-conductor female connector, 2-row;
CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 36-pole; 100% protected against mismatching; Levers; Strain relief plate; direct marking; 1,50 mm²; black



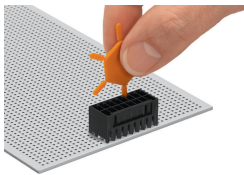
Item No.: 713-1118/037-9037/035-000
1-conductor female connector, 2-row; CA-GE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 36-pole; 100% protected against mismatching; Levers; Strain relief plate; direct marking; 1,50 mm²; black

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.