

Data Sheet | Item Number: 713-1405/037-000

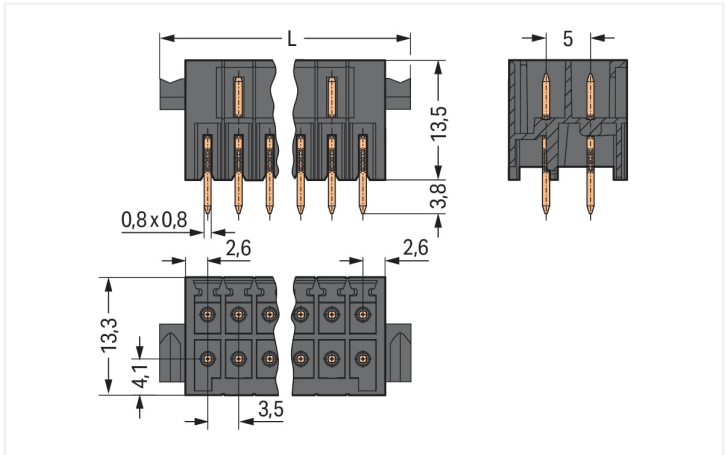
THT male header, 2-row; 0.8 x 0.8 mm solder pin; straight; 100% protected against mismatching; Levers; Pin spacing 3.5 mm; 10-pole; black

<https://www.wago.com/713-1405/037-000>

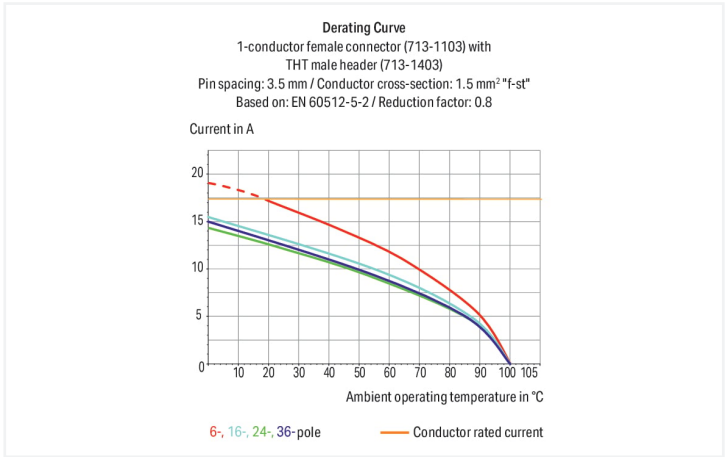
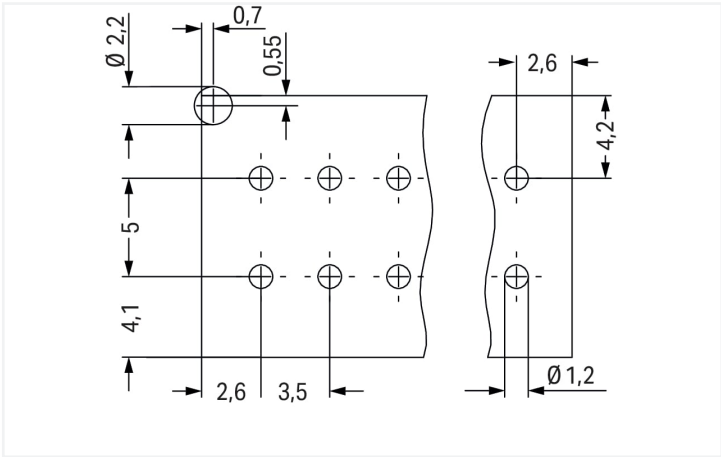


Color: ■ black

Similar to illustration



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



Stiftleiste Serieu00a0713 mit Lötstiftabmessungen 0,8 x 0,8 mm

Die Stiftleiste hat die Artikelnummer 713-1405/037-000 und ermöglicht eine reibungslose Elektroinstallation. Setzen Sie beim Design-In Ihres Gerätes auf alterprobte Sicherheit: Mit Leiterplatten-Steckverbindern haben Sie vielseitige Verwendungsmöglichkeiten. In Breite x Höhe x Tiefe betragen die Maße (25,6 x 17,3 x 13,3)u00a0mm. Die Kontaktoberfläche ist aus Zinn. Das "Multi Connection System" – MCS von WAGO ist das vielfältige Steckverbindersystem mit überzeugenden Lösungen für Ihre Anwendungen. Der Leiterplatten-Steckverbinder wird mittels THT verlötet.

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		
Overvoltage category	III	III	II	
Pollution degree	3	2	2	
Nominal voltage	80 V	160 V	250 V	
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	-	-	

Approvals per				UL 1059	
Use group	B		C	D	
Rated voltage	150 V		50 V	-	
Rated current	10 A		10 A	-	

Connection data				
Total number of potentials	10	Connection 1		
Number of connection types	1	Pole number	10	
Number of levels	2			
Physical data				
Pin spacing	3.5 mm / 0.138 inches			
Width	25.6 mm / 1.008 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 °			
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		0.063 MJ
Weight		2.9 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)	50 pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454808372
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	71-133740
UL Underwriters Laboratories Inc.	UL 1059	UL-US-L45172-6187124-22905991-1



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance

713-1405/037-000

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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

713-1405/037-000

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CAE data

ZUKEN Portal

713-1405/037-000

↓

PCB Design

Symbol and Footprint via SamacSys

713-1405/037-000

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Symbol and Footprint via Ultra Librarian

713-1405/037-000

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1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 713-1105/037-000
1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 10-pole; 100% protected against mismatching; Levers; 1,50 mm²; black



Item No.: 713-1105/037-047
1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 10-pole; 100% protected against mismatching; Levers; direct marking; 1,50 mm²; black



Item No.: 713-1105/037-9037
1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 10-pole; 100% protected against mismatching; Levers; direct marking; 1,50 mm²; black



Item No.: 713-1105/037-000/036-000
1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 10-pole; 100% protected against mismatching; Levers; Strain relief plate; 1,50 mm²; black



Item No.: 713-1105/037-9037/032-000
1-conductor female connector, 2-row; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 10-pole; 100% protected against mismatching; Levers; Strain relief plate; direct marking; 1,50 mm²; black

1.2 Optional Accessories

1.2.1 Coding

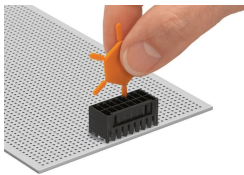
1.2.1.1 Coding



Item No.: [714-101](#)
Coding key; orange

Installation Notes

Coding



Coding a male header by inserting a coding pin.