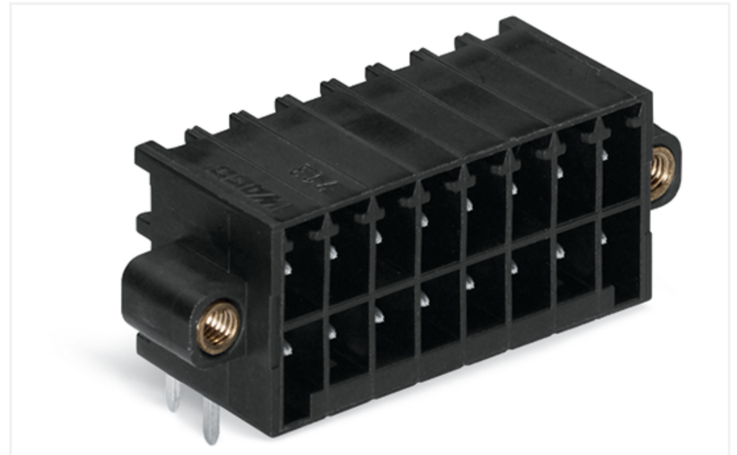


Data Sheet | Item Number: 713-1433/117-000/997-408

THR male header, 2-row; 0.8 x 0.8 mm solder pin; angled; 100% protected against mismatching; in tape-and-reel packaging; Pin spacing 3.5 mm; 26-pole; black

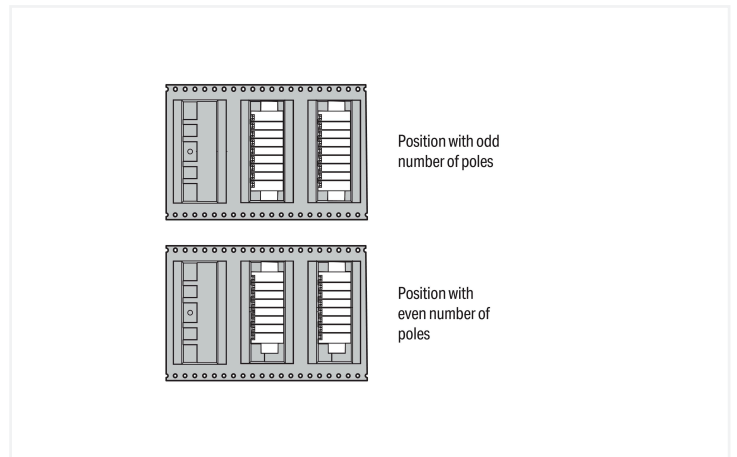
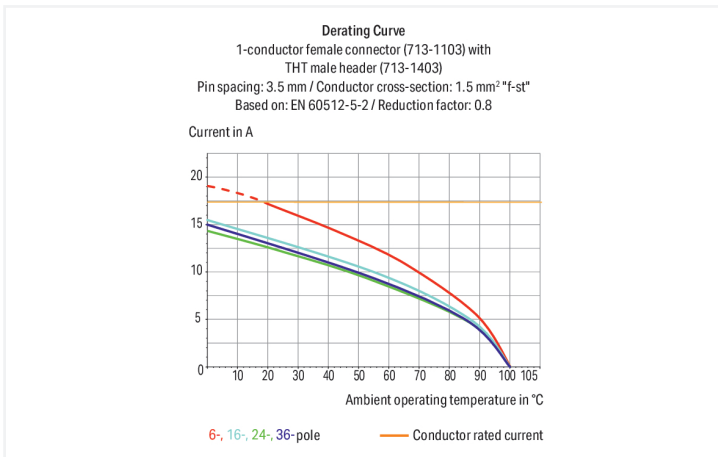
<https://www.wago.com/713-1433/117-000/997-408>



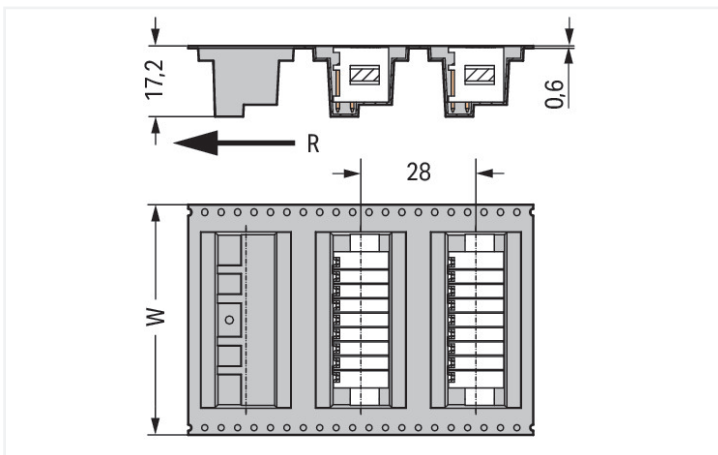
Color: ■ black

Similar to illustration

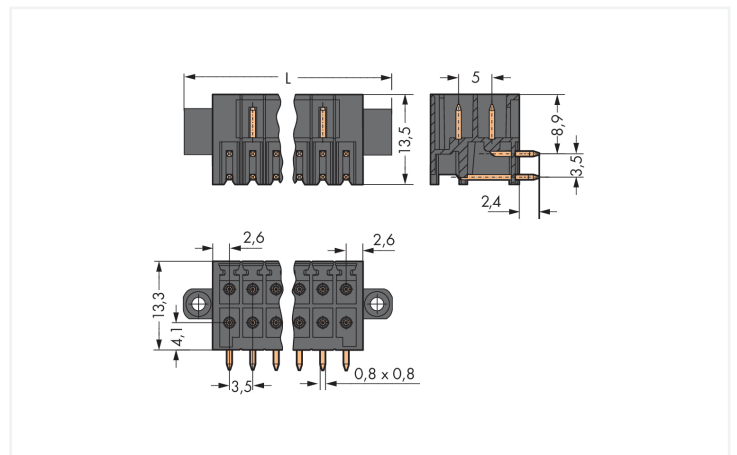
Similar to illustration



Dimensions in mm
 Pin position in tape-and-reel packaging



Dimensions in mm
 W = tape width R = feed direction



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



Male connector, 713 Series, with 3.5 mm pin spacing

This male connector (item number 713-1433/117-000/997-408) simplifies electrical installations. The item's dimensions are (55.6 x 15.7 x 13.5) mm (width x height x depth).

The contact surface is coated with tin. 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	15.7 mm / 0.618 inches
Height from the surface	13.3 mm / 0.524 inches
Depth	13.5 mm / 0.531 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
Reel diameter of tape-and-reel packaging	330 mm
Tape width	72 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	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 MJ
Weight	8.2 g
MSL per J-STD 020D	1

Environmental requirements

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

Commercial data

PU (SPU)	120 pcs
Packaging type	Bag
Country of origin	DE
GTIN	4055143779043
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)	4b8ddb7e-08d5-46e6-a2da-2cea2c913063
SCIP notification number (Belgium)	366b15b8-b643-45ad-a8ce-9f7398411328
SCIP notification number (Bulgaria)	ae3767ce-e887-4ded-99fd-2a416cbd3814
SCIP notification number (Czech Republic)	130b8e6d-f648-4015-98a9-8c331d7a6012
SCIP notification number (Denmark)	9f129d97-4711-4366-a791-987fdcf1b072
SCIP notification number (Finland)	d70c7e7b-681c-411d-bc29-d73bb0ccac1e
SCIP notification number (France)	01b9298c-943e-4634-a74c-68efe536d8df
SCIP notification number (Germany)	7846e59d-55ca-49ef-9f65-ad8fa2fa22d4
SCIP notification number (Hungary)	1956e753-3656-495e-be0f-417622b402ed
SCIP notification number (Italy)	65bcee54-64e7-4197-a768-2c6b6d546f92
SCIP notification number (Netherlands)	14572536-d5cf-4893-8d1c-c9871c9a0a76
SCIP notification number (Poland)	aac8936f-8dd9-4ac0-8581-7f807c84c3f7
SCIP notification number (Romania)	6f196c75-039f-41bd-87e1-df76c7e0f4b5
SCIP notification number (Sweden)	97e9e891-423c-4655-ab89-5c6fb678d0d2

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

Downloads

Environmental Product Compliance

Compliance Search

[↓](#)

Documentation

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

CAD/CAE-Data

CAD data

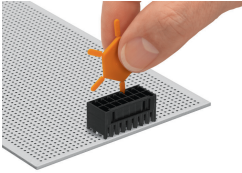


PCB Design



Installation Notes

Coding



Coding a male header by inserting a coding pin.