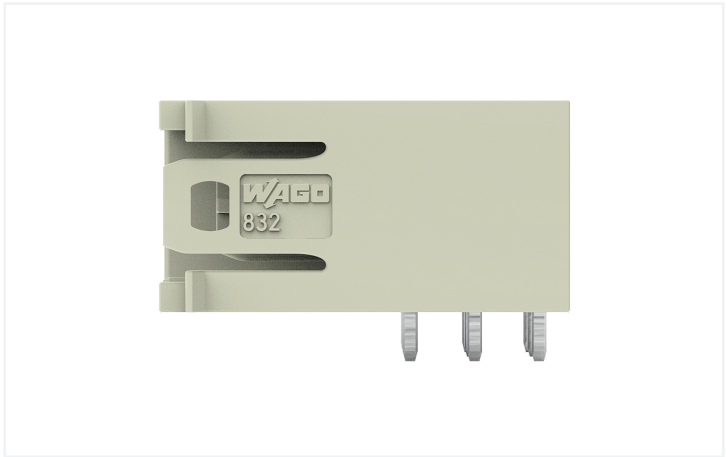
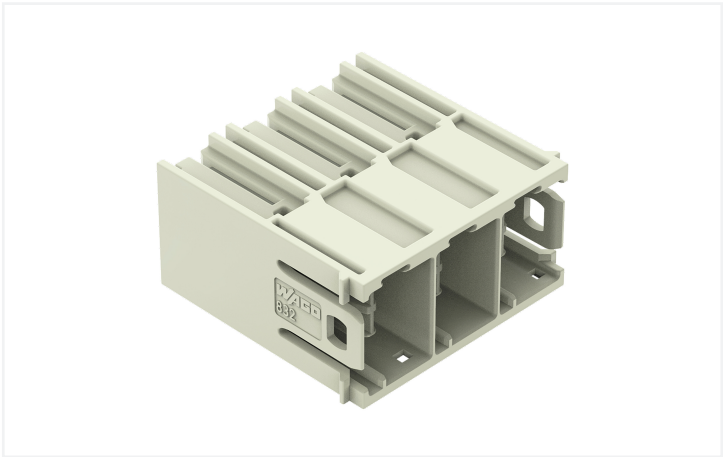


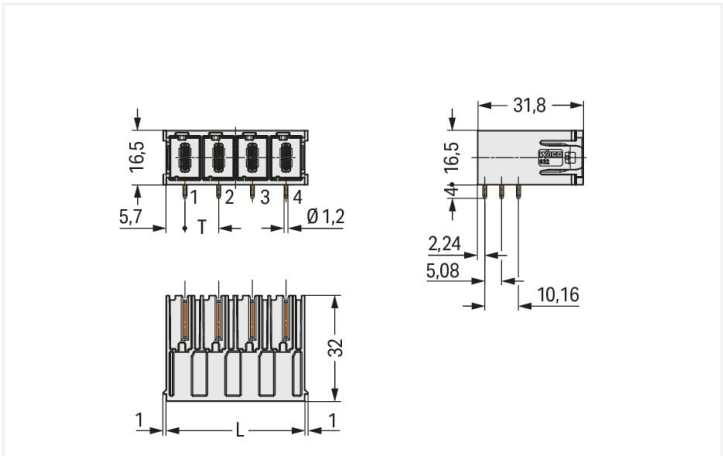
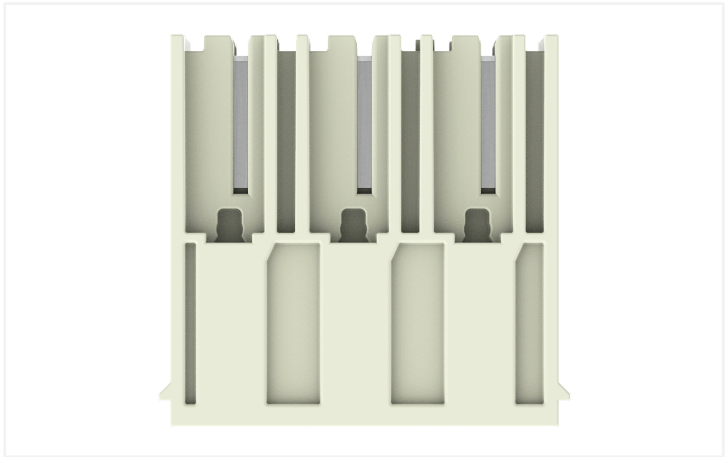
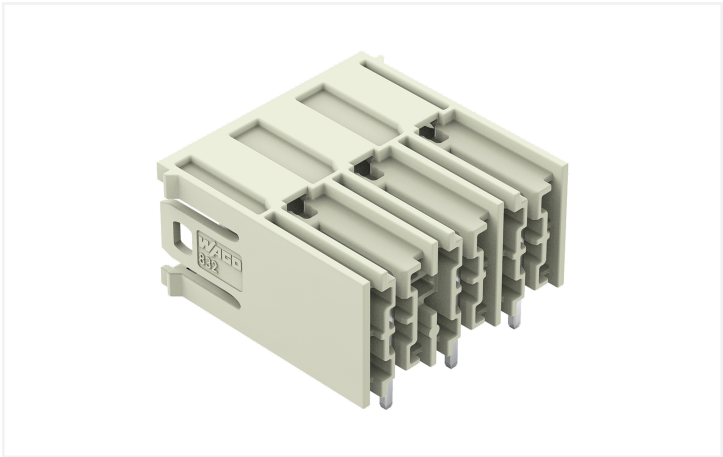
Data Sheet | Item Number: 832-3623

THT male header; 1.2 x 1.2 mm solder pin; angled; 100% protected against mis-mating; Silver-plated contacts; Pin spacing 10.16 mm; 3-pole; light gray

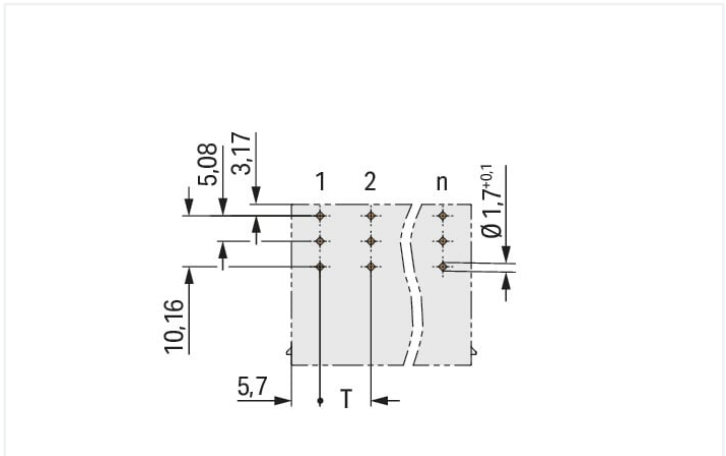
<https://www.wago.com/832-3623>



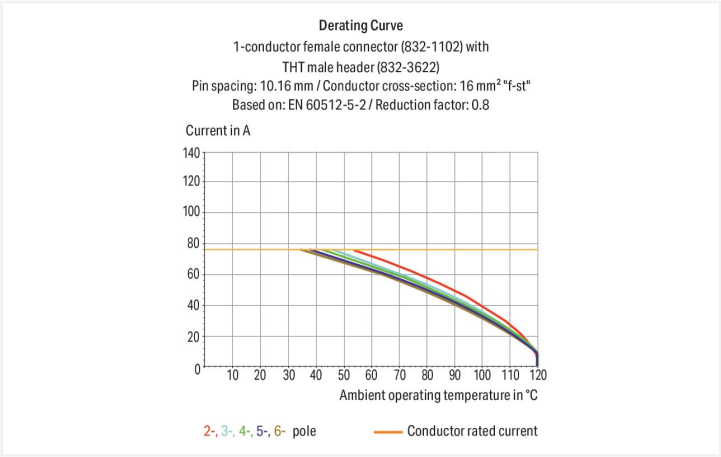
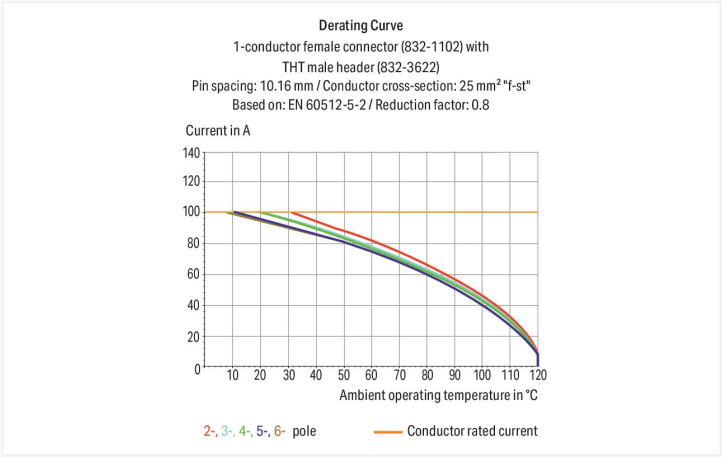
Color: ■ light gray



Dimensions in mm
L = (pole no. x pin spacing) + 1.3 mm



Dimensions in mm
L = (pole no. x pin spacing) + 1.3 mm





- Male header may be mounted horizontally or vertically via straight or angled solder pins
- Three solder pins per pole provide high electrical and mechanical stability
- Mating face (IP2XB) with higher protection against accidental contact
- 100% protected against mismatching
- Coding via coding fingers

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 Protection against PCB mounting errors 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	300 V	300 V	600 V
Nominal voltage	800 V	1000 V	1000 V	Rated current	66 A	66 A	5 A
Rated surge voltage	8 kV	8 kV	8 kV				
Rated current	76 A	76 A	76 A				

Approvals per UL 1977		Approvals per CSA			
Rated voltage	600 V	Use group	B	C	D
Rated current	85 A	Rated voltage	300 V	300 V	600 V
		Rated current	66 A	66 A	5 A

Connection data

Total number of potentials	3	Connection 1	
Number of connection types	1	Pole number	3
Number of levels	1		

Physical data

Pin spacing	10.16 mm / 0.4 inches
Width	31.78 mm / 1.251 inches
Height	20.5 mm / 0.807 inches
Height from the surface	16.5 mm / 0.65 inches
Depth	32 mm / 1.26 inches
Solder pin length	4 mm
Solder pin dimensions	1.2 x 1.2 mm
Drilled hole diameter with tolerance	1.7 ^(+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 °

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire male connector (in-line)
Number of solder pins per potential	3



Material data	
Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material	Polybutylene terephthalate (PBT)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{CU})
Contact plating	Silver
Fire load	0.3 MJ
Weight	16.2 g

Environmental requirements	
Limit temperature range	-60 ... +120 °C
Processing temperature	-35 ... +60 °C

Commercial data	
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 8.0	EC002637
ETIM 7.0	EC002637
PU (SPU)	45 pcs
Packaging type	Box
Country of origin	PL
GTIN	4055143921251
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-53084
CSA CSA Group	C22.2	70180346
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-104731
UL Underwriters Laboratories Inc.	C22.2 No. 158	E45172

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 832-3623

Documentation

Additional Information
Technical Section
03.04.2019
pdf
2027.26 KB

CAD/CAE-Data

CAD data
2D/3D Models
832-3623

CAE data
ZUKEN Portal
832-3623

PCB Design
Symbol and Footprint via SamacSys
832-3623
Symbol and Footprint via Ultra Librarian
832-3623

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket

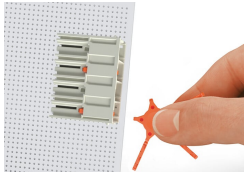
Item No.: 832-1103/320-000 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 3-pole; 100% protected against mismatching; Centered locking levers; Silver-plated contacts; 16,00 mm²; light gray	Item No.: 832-1103/323-000 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 3-pole; 100% protected against mismatching; Centered locking levers; Silver-plated contacts; 16,00 mm²; light gray	Item No.: 832-1103/343-000 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 3-pole; 100% protected against mismatching; Centered locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray	Item No.: 832-1103/037-000 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 3-pole; 100% protected against mismatching; Lateral locking levers; Silver-plated contacts; 16,00 mm²; light gray
Item No.: 832-1103/037-9037 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 3-pole; 100% protected against mismatching; Lateral locking levers; Silver-plated contacts; direct marking; 16,00 mm²; light gray	Item No.: 832-1103/313-000 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 3-pole; 100% protected against mismatching; Lateral locking levers; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray	Item No.: 832-1103 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 3-pole; 100% protected against mismatching; Silver-plated contacts; 16,00 mm²; light gray	Item No.: 832-1103/000-9037 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 3-pole; 100% protected against mismatching; Silver-plated contacts; direct marking; 16,00 mm²; light gray
Item No.: 832-1103/333-000 1-conductor female connector; lever; Push-in CAGE CLAMP®; 16 mm²; Pin spacing 10.16 mm; 3-pole; 100% protected against mismatching; Strain relief plate; Silver-plated contacts; 16,00 mm²; light gray			

1.2 Optional Accessories
1.2.1 Coding
1.2.1.1 Coding



Item No.: [832-500](#)
Coding key carrier; orange

Installation Notes
Coding



Coding a THT male header by inserting a coding pin.