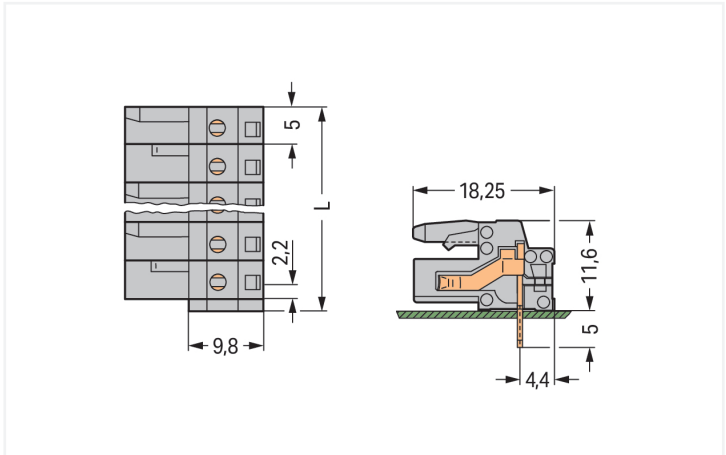
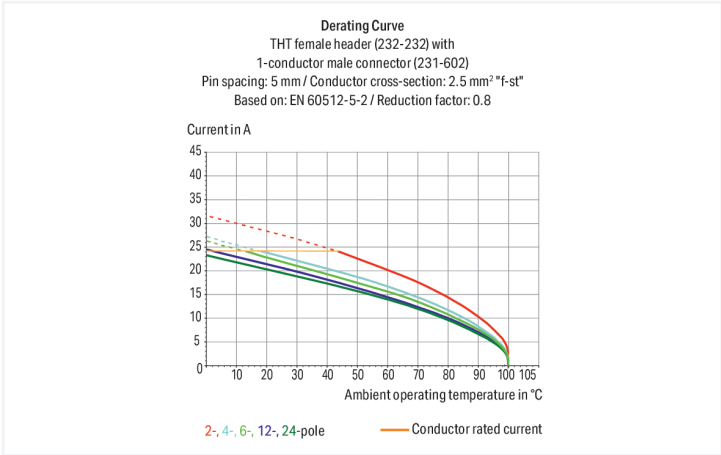




Color: ■ gray



Dimensions in mm
 $L = (\text{pole no.} \times \text{pin spacing}) + 1.5 \text{ mm}$
Distance to first solder pin: 2.2 mm
2- to 3-pole female connectors – one latch only



Federleiste/Buchse Serie 232 mit Lötstiftabmessungen 0,6 x 1 mm

Bei dieser Federleiste/Buchse (Artikelnummer 232-235) ist eine fehlerfreie Elektroinstallation der Fokus. Setzen Sie beim Design-In Ihres Gerätes auf bewährte Sicherheit: Mit Leiterplatten-Steckverbindern erhalten Sie vielseitige Verwendungsmöglichkeiten. In Breite x Höhe x Tiefe sind die Maße (26,5 x 16,6 x 18,25) mm. Für die Kontaktoberfläche wurde Zinn eingesetzt. Das MCS – "Multi Connection System" von WAGO umfasst insgesamt 7 Familien in den Rastermaßen 2,5 mm bis 10,16 mm und bietet mit dem Leiterquerschnittsbereich von 0,08 bis 25 mm² ein großes Portfolio an Einsatzmöglichkeiten. 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 3.8 mm pin projection for male headers with straight solder pins 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	320 V	320 V	630 V
Rated surge voltage	4 kV	4 kV	4 kV
Rated current	12 A	12 A	12 A

Approvals per	UL 1059		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	15 A	-	10 A

Approvals per	UL 1977
Rated voltage	600 V
Rated current	15 A

Approvals per	CSA		
Use group	B	C	D
Rated voltage	300 V	-	300 V
Rated current	15 A	-	10 A

Connection data

Clamping units	5
Total number of potentials	5
Number of connection types	1
Number of levels	1

Connection 1	
Pole number	5

Physical data

Pin spacing	5 mm / 0.197 inches
Width	26.5 mm / 1.043 inches
Height	16.6 mm / 0.654 inches
Height from the surface	11.6 mm / 0.457 inches
Depth	18.25 mm / 0.719 inches
Solder pin length	5 mm
Solder pin dimensions	0.6 x 1 mm
Drilled hole diameter with tolerance	1.3 ^(+0.1) mm

Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for PCB
Mismating protection	No
Mating direction to the PCB	0 °

PCB contact

PCB contact	THT
Solder pin arrangement	over the entire female connector (in-line)
Number of solder pins per potential	1



Material data		
Note (material data)		Information on material specifications can be found here
Color		gray
Material group		I
Insulation material (main housing)		Polyamide (PA66)
Flammability class per UL94		V0
Contact material		Copper alloy
Contact Plating		Tin
Fire load		0.112 MJ
Weight		4.7 g

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

Commercial data		
Product Group		3 (Multi Conn. System)
PU (SPU)		100 pcs
Packaging type		Box
Country of origin		DE
GTIN		4044918579148
Customs tariff number		85366990990

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

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 232-235

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Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data

CAD data
2D/3D Models 232-235

[↓](#)

CAE data
EPLAN Data Portal 232-235
ZUKEN Portal 232-235

[↓](#)
[↓](#)

PCB Design
Symbol and Footprint via SamacSys 232-235
Symbol and Footprint via Ultra Librarian 232-235

[↓](#)
[↓](#)

1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug



[Item No.: 231-605/019-000](#)
1-conductor male connector; CAGE
CLAMP®; 2.5 mm²; Pin spacing 5 mm; 5-
pole; clamping collar; gray

[Item No.: 231-605](#)
1-conductor male connector; CAGE
CLAMP®; 2.5 mm²; Pin spacing 5 mm; 5-
pole; gray

1.2 Optional Accessories

1.2.1 Test and measurement

1.2.1.1 Testing accessories



[Item No.: 231-661](#)
Test plugs for female connectors; for 5
mm and 5.08 mm pin spacing; 2,50 mm²;
light gray