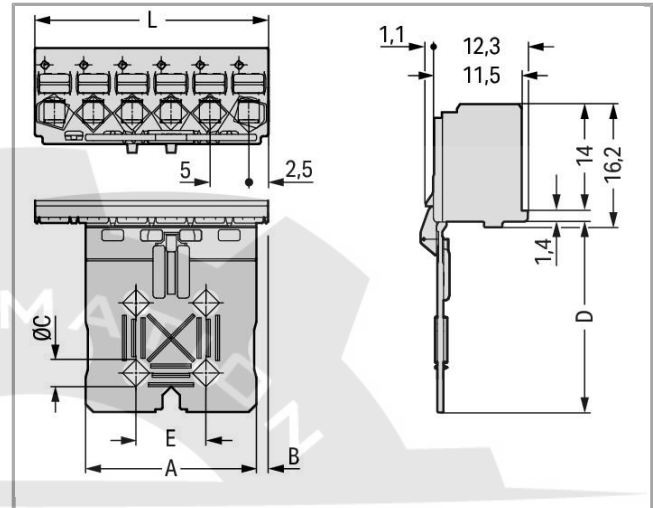
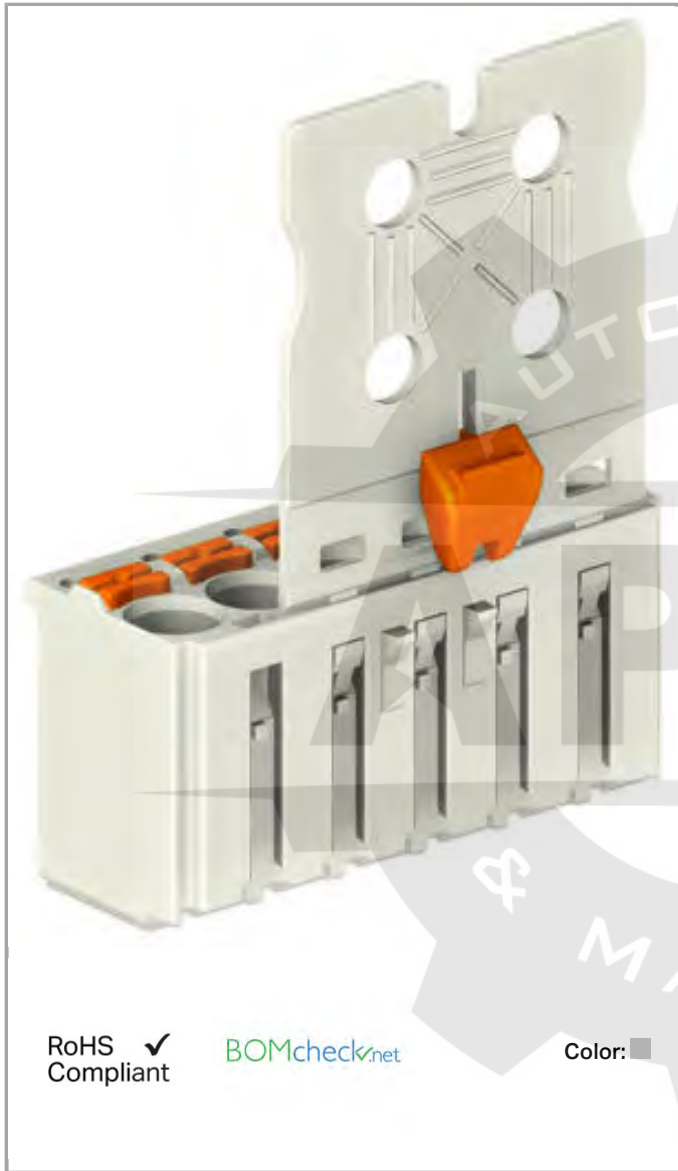


Data sheet | Item number: 2092-1108/002-000

1-conductor female plug; Gripping plate sliding connector release; 2.5 mm²;
Pin spacing 5 mm; 8-pole



2092-1108/002-000



RoHS
Compliant

BOMcheck.net

Color: ■

Item description

- Universal connection of all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require special tools
- Ability to wire while mated or unmated
- Testing parallel to conductor entry – tip contact
- Also available with gripping plates

- Integrated locking latches prevent accidental disconnection

Data

Electrical data

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V
Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	16 A

Approvals per UL 1059

Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	15 A
Rated voltage UL (Use Group D)	300 V
Rated current UL (Use Group D)	10 A

Connection data

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Solid conductor	0.2 ... 2.5 mm ² / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 2.5 mm ² / 24 ... 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 1.5 mm ²
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 2.5 mm ²
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch
No. of poles	8
Total number of connection points	8
Total number of potentials	8
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	40 mm / 1.575 inch
Height	40.4 mm / 1.591 inch
Depth	14.4 mm / 0.567 inch

Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors
Mismating protection	No

Material Data

Color	light gray
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Clamping spring material	Chrome nickel spring steel (CrNi)
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Fire load	0.188 MJ
Weight	7.909 g

Environmental Requirements

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

Commercial data

Country of origin	DE
GTIN	4050821411758
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-49737
	CSA DEKRA Certification B.V.	C22.2	2362521
	KEMA/KEUR DEKRA Certification B.V.	IEC 61984	71- 102261

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
------	----------	--------------------------	------------------

	cURus	UL 1059	E45172
	Underwriters Laboratories Inc.		
	UR	UL 1977	20170428-E45171
	Underwriters Laboratories Inc.		

Compatible products

check

	Item no.: 735-500	735-500
	Test pin; 1 mm Ø; with solder connection for test wire	

tools

	Item no.: 210-719	210-719
	Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm	

Downloads

Documentation

Additional Information

	pdf 3.6 MB	Download
--	---------------	----------

CAD/CAE - Smart Data

CAD data

3D Download 2092-1108/002-000	URL	Download
-------------------------------	-----	----------

Product family

picoMAX

[Learn more about the product family.](#)

[Show all products from the family](#)



Subject to changes.
