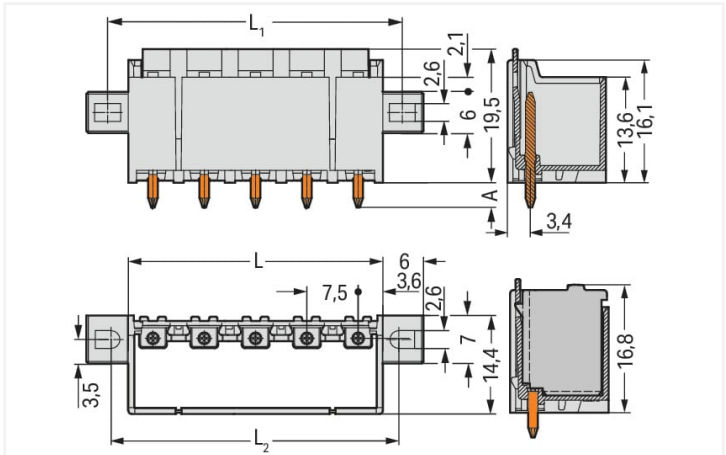
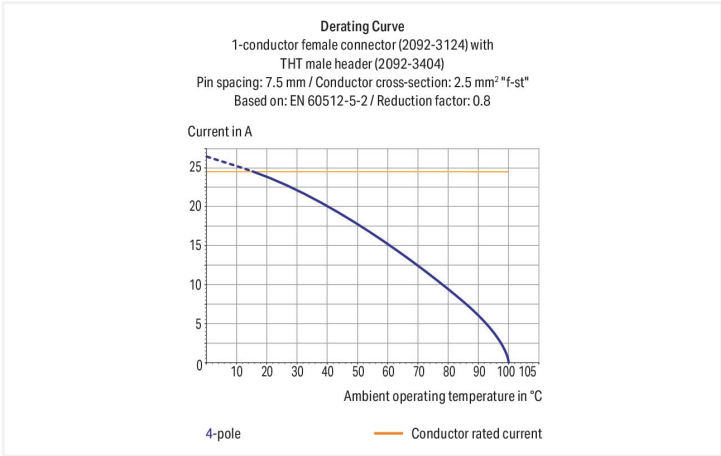


Color: ■ light gray Similar to illustration



Dimensions in mm
L = (pole no. – 1) x pin spacing + 7.2 mm
L1 = (pole no. x pin spacing) + 5.5 mm
L2 = (pole no. x pin spacing) + 4.5 mm
A = 3.6 mm THT solder pin
A = 2.4 mm THR solder pin



- Assembly of female connectors without loss of poles, allowing different functions to be divided within one male header (≥ 4 poles)
- Coding pins inserted into the header interface prevent mismatching, allowing subsequent coding in panel feedthrough applications
- The female connector is fully shrouded by the male header's housing, providing vibration resistance up to 20 g

Notes	
Safety information	The picoMAX® Pluggable 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. The circuit design should ensure header pins, which can be touched, are not live when unmated.
Variants:	Direct marking 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				400 V	630 V	1000 V	
Rated surge voltage				6 kV	6 kV	6 kV	
Rated current				16 A	16 A	16 A	

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

Connection data							
Total number of potentials				2			
Number of connection types				1			
Number of levels				1			

Connection 1			
Pole number			
2			

Physical data	
Pin spacing	7.5 mm / 0.295 inches
Width	26.7 mm / 1.051 inches
Height	23.1 mm / 0.909 inches
Height from the surface	19.5 mm / 0.768 inches
Depth	14.4 mm / 0.567 inches
Solder pin length	3.6 mm
Solder pin diameter	1.4 mm
Drilled hole diameter with tolerance	1.6 (+0.1) mm

Mechanical data	
Variable coding	Yes
Mounting type	Mounting flange Feed-through mounting Panel mounting
Anti-rotation protection	Yes

Plug-in connection	
Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	No
Plugging without loss of pin spacing	Yes
Mating direction to the PCB	90 °
Locking of plug-in connection	Locking latch

PCB contact	
PCB contact	THT



Material data	
Note (material data)	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{CU})
Contact plating	Tin
Fire load	0.053 MJ
Weight	2.2 g

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

Commercial data	
Product Group	26 (picoMAX Connectors)
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)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4050821165859
Customs tariff number	85366930000

Environmental Product Compliance	
RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	2362521
CSA DEKRA Certification B.V.	C22.2	2362521
cURus Underwriters Laboratories Inc.	UL 1059	E45172
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-102261 REV.2
UL Underwriters Laboratories Inc.	UL 1977	E45171



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
2092-3402/005-000

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Documentation

Additional Information

Technical Section
03.04.2019
pdf
2027.26 KB

↓

CAD/CAE-Data

CAD data
2D/3D Models
2092-3402/005-000

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CAE data
ZUKEN Portal
2092-3402/005-000

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PCB Design

Symbol and Footprint
via SamacSys
2092-3402/005-000

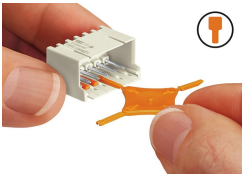
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Symbol and Footprint
via Ultra Librarian
2092-3402/005-000

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Installation Notes

Coding



Coding a male header (via coding key carrier and two keys for male header, see symbol).