

Data sheet | Item number: 2091-1706

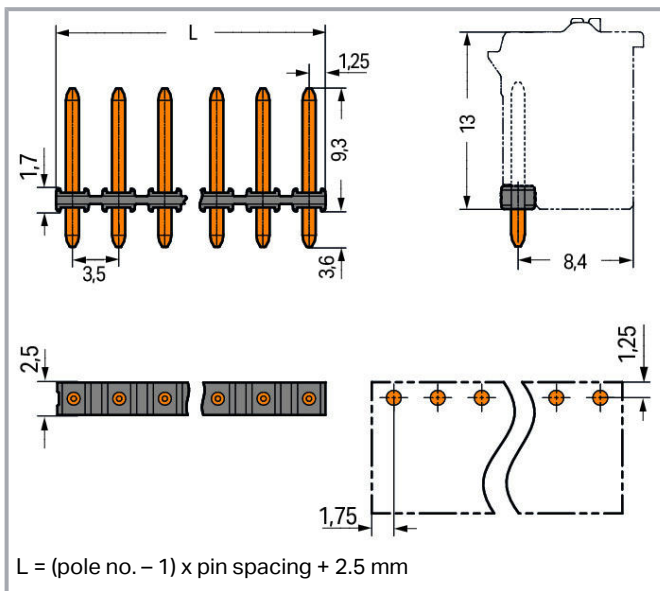
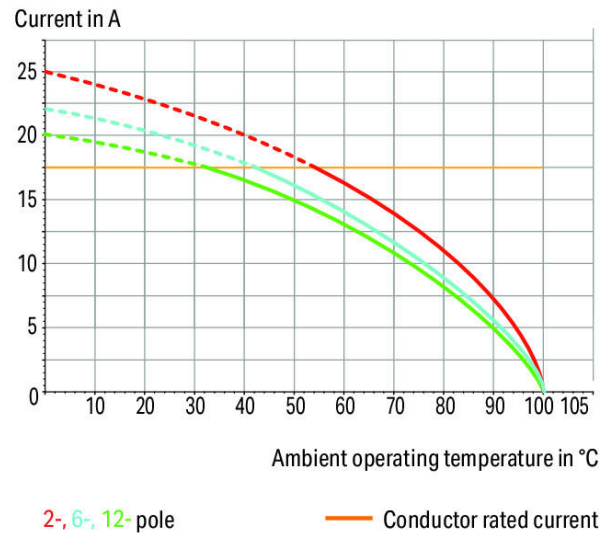
Solder pin strip; 1.0 mm Ø solder pin; straight; Pin spacing 3.5 mm; 6-pole;
black

www.wago.com/2091-1706



Color: ■

Derating Curve
1-conductor female connector (2091-1122) with
THT-solder pin strip (2091-1702)
Pin spacing: 3.5 mm / Conductor cross-section: 1.5 mm² "f-st"
Based on: EN 60512-5-2 / Reduction factor: 0.8



Subject to changes. Please also observe the further product documentation!

WAGO Corporation
Germantown, WI 53022
Phone: 1-800-DIN-RAIL (346-7245) | Fax: (262) 255-6222
Email: info.us@wago.com | Web: www.wago.us

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Item description

- Lötstiftleisten mit geraden und abgewinkelten Lötstiften für rechtwinklige und parallele Steckrichtung zur Leiterplatte
- Polverlustfreies Aneinanderreihen von mehreren Federleisten in einer Lötstiftleiste zur Trennung von Funktionen möglich

Safety information 1:

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.

Data

Electrical data

IEC Approvals

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	160 V
Rated surge voltage (III/3)	2.5 kV
Rated voltage (III/2)	160 V
Rated surge voltage (III/2)	2.5 kV
Nominal voltage (II/2)	320 V
Rated surge voltage (II/2)	2.5 kV
Rated current	10 A
Legend (ratings)	(III / 2) $\triangleq$ Overvoltage category III / Pollution degree 2

Connection data

Pole No.	6
Number of connection types	1
Number of levels	1

Physical data

Pin spacing	3.5 mm / 0.138 inch
Width	22.5 mm / 0.886 inch
Height	12.9 mm / 0.508 inch
Height from the surface	9.3 mm / 0.366 inch
Depth	2.5 mm / 0.098 inch
Solder pin length	3.6 mm

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Solder pin diameter	1 mm
Drilled hole diameter with tolerance	1.2 (+0.1) mm

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	No
Mating direction to the PCB	90°
Locking of plug-in connection	Without

PCB contact

PCB Contact	THT
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Material data

Color	black
Material group	I
Insulation material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{Cu})
Contact plating	tin-plated
Weight	0.6 g

Environmental requirements

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

Packaging type	bag
Country of origin	CN
GTIN	4055143934800
Customs tariff number	8536904000

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB	IEC 61984	NL-49736

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DEKRA Certification B.V.			/A1
	CSA	C22.2	2362521
	DEKRA Certification B.V.		
KEMA/KEUR		EN 61984	71-
	DEKRA Certification B.V.		102260
			REV.1

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL	UL 1059	E45172-
	Underwriters Laboratories Inc.		20100415
	UL	UL 1977	20190909-
	Underwriters Laboratories Inc.		E45171

Counterpart



Item no.2091-1126

1-conductor female connector; push-button; 1.5 mm²; Pin spacing 3.5 mm; 6-pole; 1,50 mm²; light graywww.wago.com/2091-1126

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 2.0 MB	Download
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CAD files

CAD data

2D/3D Models 2091-1706	URL	Download
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CAE data

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ZUKEN Portal 2091-1706

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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2091-1706

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Solder pin strip; 1.0 mm Ø solder pin; straight; Pin spacing 3.5 mm; 6-pole; black

Installation Notes

Product family

picoMAX[®] 3.5

[Show all products from the family](#)

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