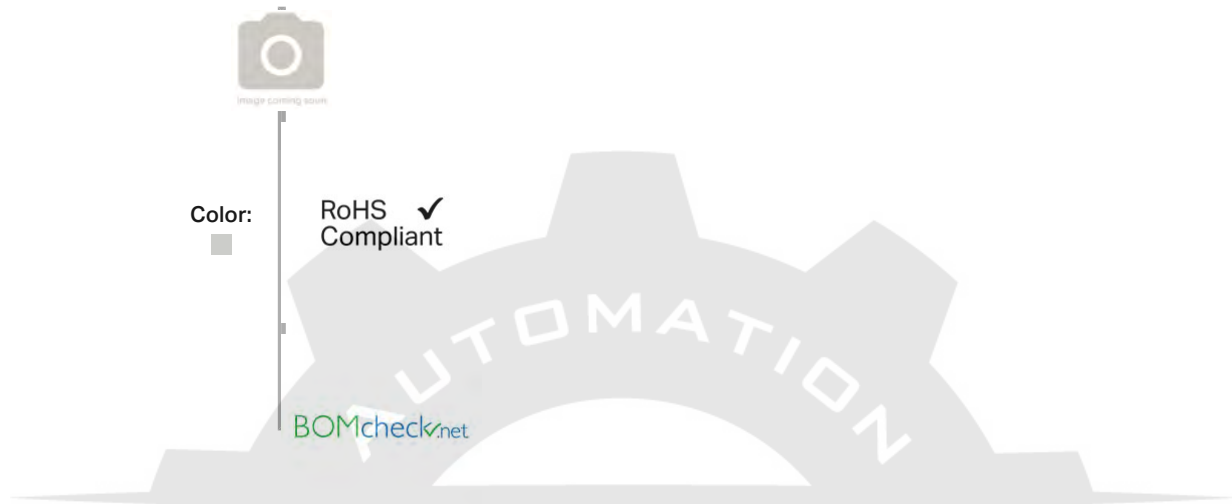


Data sheet | Item number: 2091-1177

1-conductor THT female header; 1.0 mm Ø solder pin; straight; 1.5 mm²; Pin spacing 3.5 mm; 7-pole



2091-1177



Item description

- Touch-proof PCB outputs
- Easy-to-identify PCB inputs and outputs
- Coding option available

Safety information 1:

The **picoMAX[®] pluggable connection system** is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall 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

Ratings per IEC/EN 60664-1

Rated voltage (III / 3)	160 V
Rated impulse voltage (III / 3)	2.5 kV
Rated voltage (III / 2)	160 V
Rated impulse voltage (III / 2)	2.5 kV
Rated voltage (II / 2)	320 V
Rated impulse voltage (II / 2)	2.5 kV
Rated current	10 A

Approvals per UL 1059

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

Connection data

Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	3.5 mm / 0.138 inch
Solder pin length	3.6 mm
Solder pin dimensions	0.4 x 0.9 mm

Plug connection

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

PCB contact

PCB contact	THR
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Material Data

Color	light gray
Material group	I
Insulating material	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Copper alloy
Contact plating	tin-plated
Fire load	0 MJ
Weight	4.144 g

Environmental Requirements

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

Country of origin	DE
GTIN	4055143428637

Customs Tariff No.

85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-49736
	CSA DEKRA Certification B.V.	C22.2	2362521
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 102260

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UR Underwriters Laboratories Inc.	UL 1977	20170428- E45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172

Downloads

Documentation

Additional Information

pdf
3.6 MB

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Product family

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Subject to changes.
