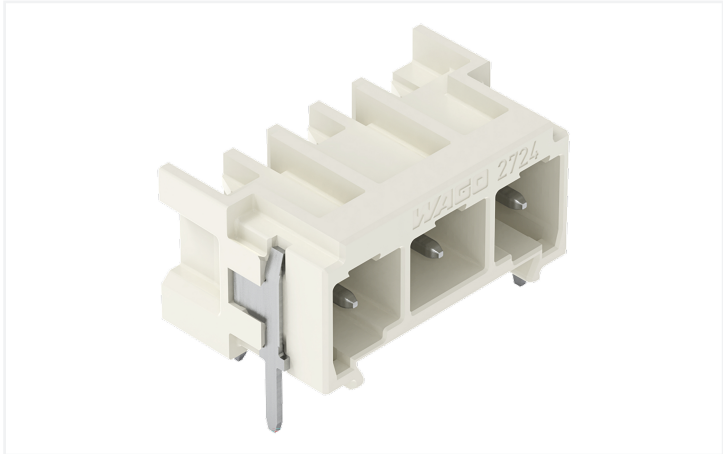


Data Sheet | Item Number: 2724-3823/122-004

THT male header; 1.0 x 1.0 mm solder pin; angled 0°; 100% protected against mismating;
solder anchor; Pin spacing 7.5 mm; 3-pole; black

<https://www.wago.com/2724-3823/122-004>

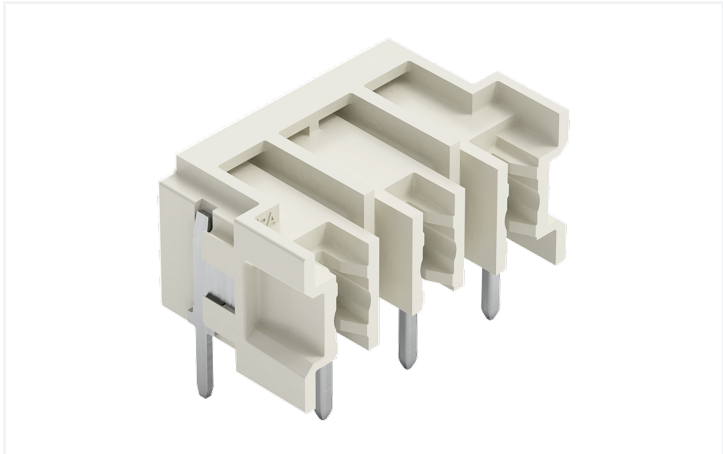


Color: ■ black

Similar to illustration



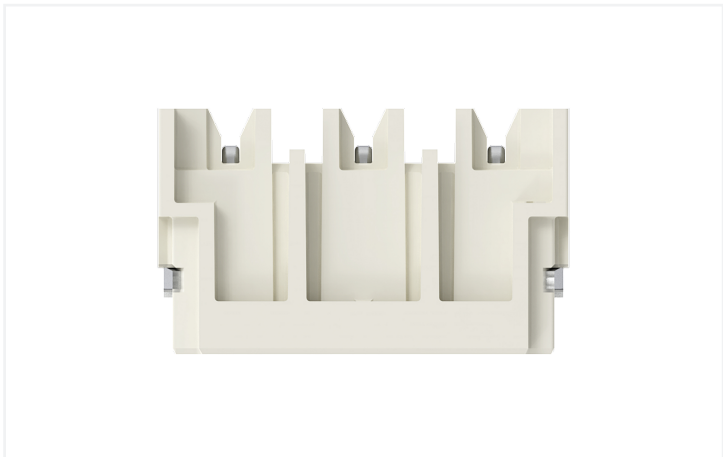
Similar to illustration



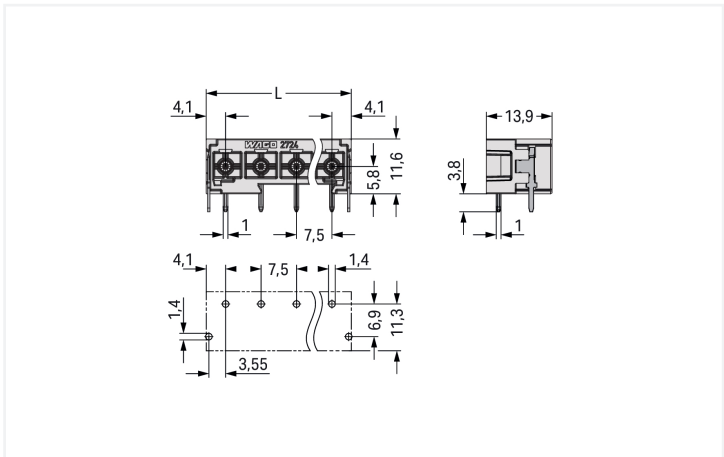
Similar to illustration



Similar to illustration



Similar to illustration



Dimensions in mm
 $L = (\text{pole no.} \times \text{pin spacing}) + 0.7 \text{ mm}$

The contact surface is tin-coated The PCB connector is designed for THT soldering.

- Ready to install, immediately usable
- Compact sizes
- Pin spacing: 7.5 mm
- 3 connection points
- Soldering via THT

Notes

Safety Information	The MCS – <i>MULTI CONNECTION SYSTEM</i> 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:	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	
Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	500 V
Rated impulse withstand voltage (III / 3)	6 kV
Rated voltage (III/2)	630 V
Rated impulse withstand voltage (III/2)	6 kV
Nominal voltage (II/2)	1000 V
Rated impulse withstand voltage (II/2)	6 kV
Rated current	21 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Ratings per UL	
Approvals per	UL 1059
Rated voltage UL (Use Group B)	300 V
Rated current UL (Use Group B)	20 A
Rated voltage UL (Use Group C)	300 V
Rated current UL (Use Group C)	20 A
Rated voltage UL (Use Group D)	600 V
Rated current UL (Use Group D)	5 A

Ratings per CSA

Approvals per	CSA
Rated voltage CSA (Use Group B)	300 V
Rated current CSA (Use Group B)	20 A
Rated voltage CSA (Use Group C)	300 V
Rated current CSA (Use Group C)	20 A
Rated voltage CSA (Use Group D)	600 V
Rated current CSA (Use Group D)	5 A

Connection Data

Clamping units	3	Connection 1 Pole number3
Total number of potentials	3	
Number of connection types	1	
Number of levels	1	
PE function	without PE contact	

Physical data

Pin spacing	7.5 mm / 0.295 inches
Width	23.2 mm / 0.913 inches
Height	11.6 mm / 0.457 inches
Height from the surface	15.4 mm / 0.606 inches
Depth	13.9 mm / 0.547 inches
Solder pin length	3.8 mm
Solder pin dimensions	1 x 1 mm
Drilled hole diameter	1.4 (+0.1) mm

Mechanical data

Variable coding	Yes
Mounting type	Solder anchor
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	Yes
Mating direction to the PCB	0°

PCB contact

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

Material data

Note (material data)	Information on material specifications can be found here
Color	black
Material group	I
Insulation material (main housing)	Polyphthalamide (PPA GF)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{Cu})
Contact Plating	Tin
Fire load	0.024 MJ
Weight of insulation material	2.3 g
Weight	2.4 g
MSL per J-STD 020D	1

Environmental requirements

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



Commercial data		
PU (SPU)		80 pcs
Packaging type		Box
Country of origin		IN
GTIN		4066966877663
Customs tariff number		85366930000

Product Classification		
UNSPSC		39121409
ETIM 10.0		EC002637
ECCN		NO US CLASSIFICATION

Environmental Product Compliance		
RoHS Compliance Status		Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
2724-3823/122-004

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Documentation

Additional Information

Technical Section

03.04.2019

pdf
2027.26 KB

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CAD/CAE-Data

CAD data

2D/3D Models
2724-3823/122-004

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