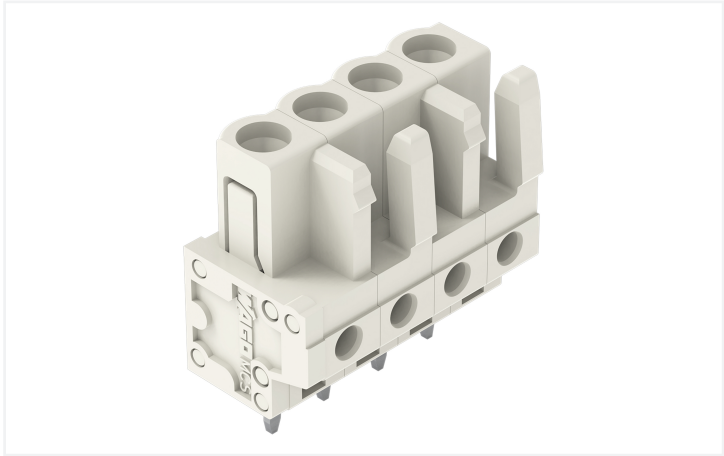


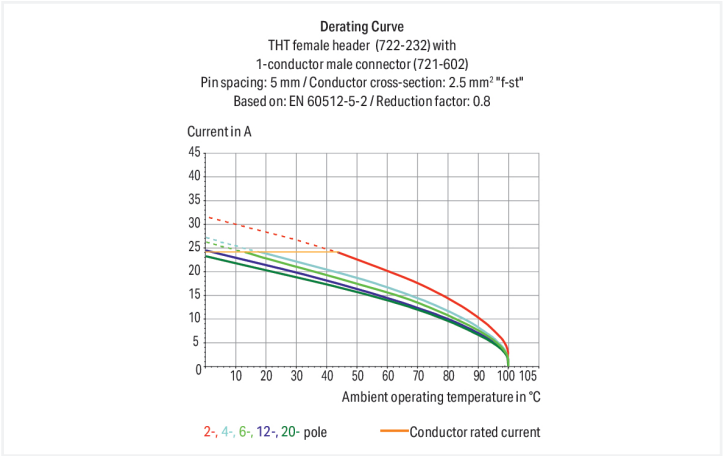
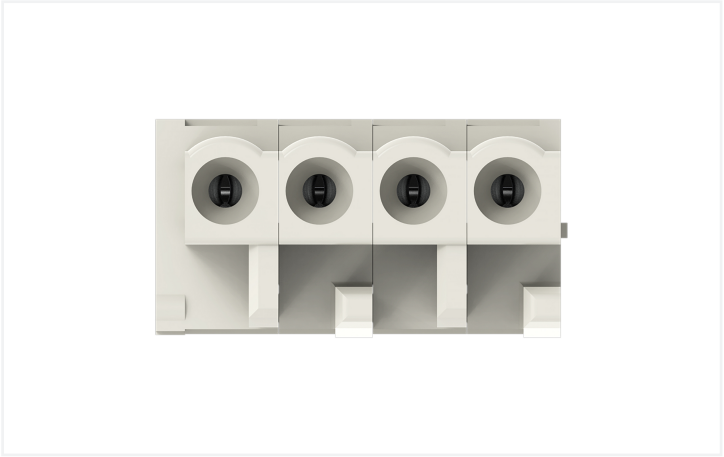
Data Sheet | Item Number: 722-134

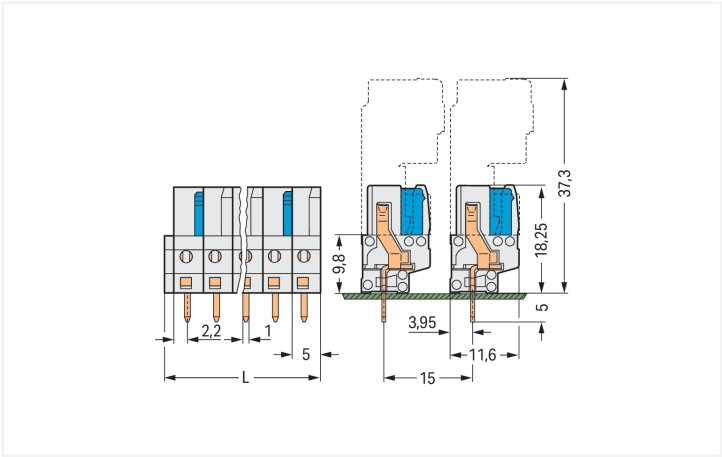
THT female header; straight; Pin spacing 5 mm; 4-pole; 100% protected against mismatching; 0.6 x 1.0 mm solder pin; light gray

<https://www.wago.com/722-134>



Color: ■ light gray





Dimensions in mm
L = (pole no. x pin spacing) + 1.5 mm2-pole female connectors – one latch only

Female connector, 722 Series, solder pin dimensions 0.6 x 1 mm

Enjoy convenient electrical installations with this female connector (item number 722-134). The dimensions are (21.5 x 23.25 x 11.6) mm (width x height x depth).

Tin is used for coating the contact surfaces. THT is used to solder the pcb connector.

Notes

Safety Information

Other pole numbers
3.8 mm pin projection for male headers with straight solder pins
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/>.

Variants:

Electrical data									
Ratings per				IEC/EN 60664-1			Approvals per		
Overvoltage category				III	III	II	UL 1059		
Pollution degree				3	2	2	Use group		
Nominal voltage				320 V	320 V	630 V	Rated voltage		
Rated impulse withstand voltage				4 kV	4 kV	4 kV	Rated current		
Rated current				12 A	12 A	12 A			

Ratings				Approvals per		
Approvals per				CSA		
Rated voltage				Use group		
Rated current				Rated voltage		
				Rated current		



Connection Data		
Clamping units	4	Connection 1
Total number of potentials	4	
Number of connection types	1	
Number of levels	1	
		Pole number 4

Physical data		
Pin spacing	5 mm / 0.197 inches	
Width	21.5 mm / 0.846 inches	
Height	23.25 mm / 0.915 inches	
Height from the surface	18.25 mm / 0.719 inches	
Depth	11.6 mm / 0.457 inches	
Solder pin length	5 mm	
Solder pin dimensions	0.6 x 1 mm	
Drilled hole diameter	1.3 ^(+0.1) mm	

Mechanical data		
Variable coding	Yes	
Anti-rotation protection	Yes	

Plug-in connection		
Contact type (pluggable connector)	Female connector/socket	
Connector (connection type)	for PCB	
Mismating protection	Yes	
Mating direction to the PCB	90 °	

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

Material data		
Note (material data)	Information on material specifications can be found here	
Color	light gray	
Material group	I	
Insulation material (main housing)	Polyamide (PA66)	
Flammability class per UL94	V0	
Contact material	Copper alloy	
Contact Plating	Tin	
Fire load	0.06 MJ	
Weight	3.8 g	



Environmental requirements

Limit temperature range	-60 ... +100 °C	Environmental Testing	
Processing temperature	-35 ... +60 °C	Test specification: Railway applications – Rolling stock – Electronic equipment	DIN EN 50155 (VDE 0115-200):2022-06
		Test procedure: Railway applications – Rolling stock equipment – Vibration and shock tests	DIN EN 61373 (VDE 0115-0106):2011-04
		Spectrum/Mounting location	Service life test, Category 1, Class A/B
		Functional test with noise-like oscillations	Test passed according to Section 8 of the standard
		Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz
		Acceleration	0.101g (highest test level used for all axes)
		Test duration per axis	10 min.
		Test directions	X, Y and Z axes
		Monitoring of contact faults and interruptions	Passed
		Voltage drop measurement before and after each axis	Passed
		Simulated service life test through increased levels of noise-like oscillations	Test passed according to Section 9 of the standard
		Frequency	f ₁ = 5 Hz to f ₂ = 150 Hz
		Acceleration	0.572g (highest test level used for all axes)
		Test duration per axis	5 h
		Test directions	X, Y and Z axes
		Extended testing: Monitoring of contact faults and interruptions	Passed
		Extended testing: Voltage drop measurement before and after each axis	Passed
		Shock test	Test passed according to Section 10 of the standard
		Shock pulse form	Half sine
		Acceleration	5g (highest test level used for all axes)
		Shock duration	30 ms
		Number of shocks (per axis)	3 pos. und 3 neg.
		Test directions	X, Y and Z axes
		Extended testing: Monitoring of contact faults and interruptions	Passed
		Extended testing: Voltage drop measurement before and after each axis	Passed
		Vibration and shock stress for rolling stock equipment	Passed

Commercial data

Product Group	3 (Multi Conn. System)
PU (SPU)	100 pcs
Packaging type	Box
Country of origin	DE
GTIN	4044918580410
Customs tariff number	85366990990



Product Classification	
UNSPSC	39121409
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 9.0	EC002637
ETIM 10.0	EC002637
ECCN	NO US CLASSIFICATION

Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates		
General approvals		Declarations of conformity and manufacturer's declarations
   		
Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	IEC 61984	NL-113351
CSA DEKRA Certification B.V.	C22.2	1466354
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-130478 REV.1
UL Underwriters Laboratories Inc.	UL 1059	UL-US- L45172-6187117-81111991-4
UR Underwriters Laboratories Inc.	UL 1977	E45171
Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready

Approvals for marine applications		
   		
Approval	Standard	Certificate Name
ABS American Bureau of Ship- ping	-	24-0095975-PDA
DNV DNV GL SE	-	TAE000016Z
LR Lloyds Register	IEC 61984	96/20035 (E5)
PRS Polski Rejestr Statków	-	TE/1095/880590/23



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 722-134

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Documentation

Additional Information

Technical Section

03.04.2019

pdf
2027.26 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models 722-134

↓

CAE data

EPLAN Data Portal 722-134

↓

ZUKEN Portal 722-134

↓

PCB Design

Symbol and Footprint via SamacSys 722-134

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Symbol and Footprint via Ultra Librarian 722-134

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1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug



Item No.: 721-604
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 4-pole; 100% protected against mismatching; 2,50 mm²; light gray



Item No.: 721-604/019-000
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 4-pole; 100% protected against mismatching; clamping collar; 2,50 mm²; light gray



Item No.: 721-604/019-042
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 4-pole; Preceding ground contact; 100% protected against mismatching; clamping collar; direct marking; 2,50 mm²; light gray



Item No.: 721-604/000-042
1-conductor male connector; CAGE CLAMP®; 2.5 mm²; Pin spacing 5 mm; 4-pole; Preceding ground contact; 100% protected against mismatching; direct marking; 2,50 mm²; light gray



1.2 Optional Accessories

1.2.1 Marking

1.2.1.1 Marking strip



Item No.: 210-833
Marking strips; 25 m on roll; 6 mm wide; plain; Self-adhesive; white



Item No.: 210-834
Marking strips; on reel; 5 mm wide; plain; Self-adhesive; white

1.2.2 Test and measurement

1.2.2.1 Testing accessories



Item No.: 210-136
Test plug; 2 mm Ø; with 500 mm cable; red



Item No.: 231-661
Test plugs for female connectors; for 5 mm and 5.08 mm pin spacing; 2,50 mm²; light gray