

Data Sheet | Item Number: 734-473

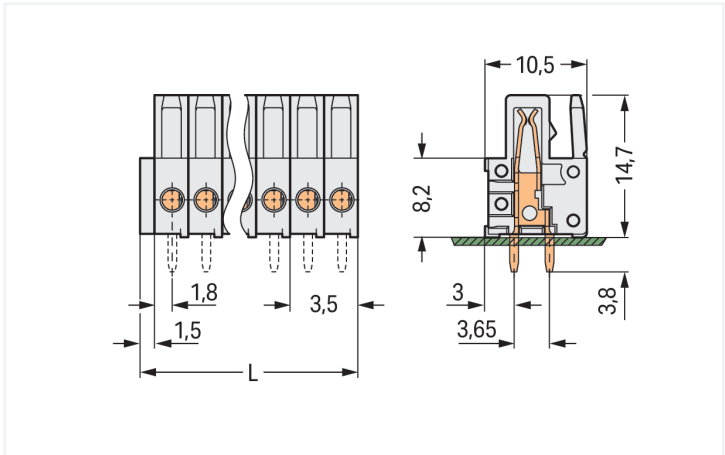
THT female header; straight; Pin spacing 3.5 mm; 13-pole; 100% protected against mismatching; 0.9 x 0.9 mm solder pin; light gray

<https://www.wago.com/734-473>

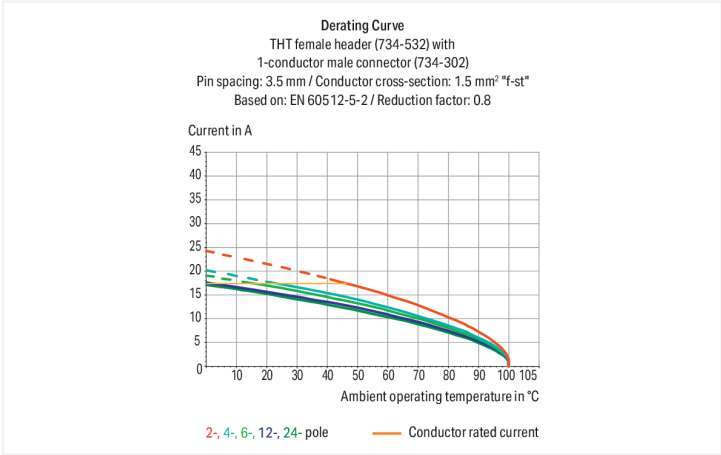


Color: ■ light gray

Similar to illustration



Dimensions in mm
 $L = (\text{pole no.} \times \text{pin spacing}) + 1.5 \text{ mm}$



Federleiste/Buchse Serie 734, lichtgrau

Die Federleiste/Buchse mit der Artikelnummer 734-473 bietet eine fehlerfreie Elektroinstallation. Unsere Leiterplatten-Steckverbinder geben Ihnen die größtmögliche Flexibilität bei unterschiedlichen Montagearten. Die Abmessungen sind in Breite x Höhe x Tiefe (47 x 18,5 x 10,5) mm. Die Oberfläche der Kontakte besteht aus Zinn. Das "Multi Connection System" – MCS von WAGO ist das vielfältige Steckverbindersystem mit überzeugenden Lösungen für Ihre Anwendungen. Die Verlötlung des Leiterplatten-Steckverbinders erfolgt mittels THT.

Notes	
Safety Information	The MCS – MULTI 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. 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:	Other pole numbers 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 60664-1			Approvals per	
		UL 1059				
Overvoltage category	III	III	II	Use group	B	C
Pollution degree	3	2	2	Rated voltage	300 V	-
Nominal voltage	160 V	160 V	320 V	Rated current	10 A	-
Rated surge voltage	2.5 kV	2.5 kV	2.5 kV			
Rated current	10 A	10 A	10 A			

Approvals per		CSA		
Use group	B	C	D	
Rated voltage	300 V	-	300 V	
Rated current	10 A	-	10 A	

Connection data			
Clamping units	13	Connection 1	
Total number of potentials	13	Pole number	13
Number of connection types	1		
Number of levels	1		

Physical data		
Pin spacing		3.5 mm / 0.138 inches
Width		47 mm / 1.85 inches
Height		18.5 mm / 0.728 inches
Height from the surface		14.7 mm / 0.579 inches
Depth		10.5 mm / 0.413 inches
Solder pin length		3.8 mm
Solder pin dimensions		0.9 x 0.9 mm
Drilled hole diameter with tolerance		1.4 ^(+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	0.091 MJ	
Weight	7 g	

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

Commercial data		
Product Group	3 (Multi Conn. System)	
PU (SPU)	50 pcs	
Packaging type	Box	
Country of origin	DE	
GTIN	4044918999922	
Customs tariff number	85366990990	

Product classification		
UNSPSC	39121409	

Environmental Product Compliance		
RoHS Compliance Status	Compliant,No Exemption	

Approvals / Certificates

General approvals			Approvals for marine applications		
   			 		
Approval	Standard	Certificate Name	Approval	Standard	Certificate Name
CB DEKRA Certification B.V.	EN 61984	NL-54190	DNV DNV GL SE	-	TAE000016Z
CSA DEKRA Certification B.V.	C22.2	1465035	LR Lloyds Register	IEC 61984	96/20035 (E5)
KEMA/KEUR DEKRA Certification B.V.	EN 61984	71-105522			
UL Underwriters Laboratories Inc.	UL 1977	E 45171			
UR Underwriters Laboratories Inc.	UL 1059	E45172			



Downloads			
Environmental Product Compliance			
Compliance Search			
Environmental Product Compliance 734-473			↓

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data			
CAD data		CAE data	
2D/3D Models 734-473		EPLAN Data Portal 734-473	↓
		ZUKEN Portal 734-473	↓

PCB Design	
Symbol and Footprint via SamacSys 734-473	↓
Symbol and Footprint via Ultra Librarian 734-473	↓