

Data Sheet | Item Number: 734-537

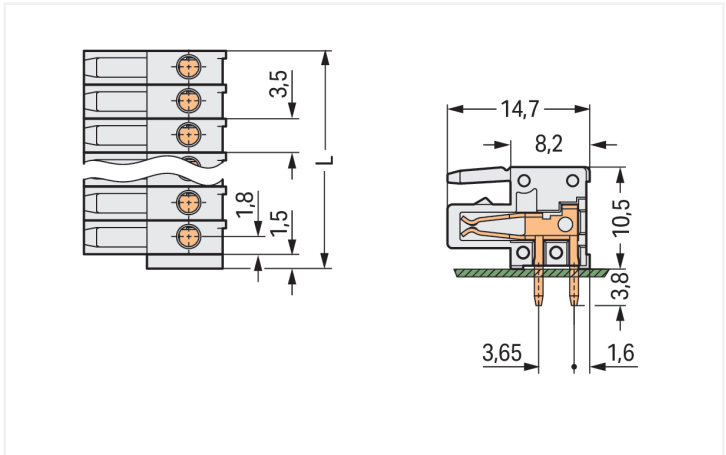
THT female header; angled; Pin spacing 3.5 mm; 7-pole; 100% protected against mismatching; 0.9 x 0.9 mm solder pin; light gray

<https://www.wago.com/734-537>

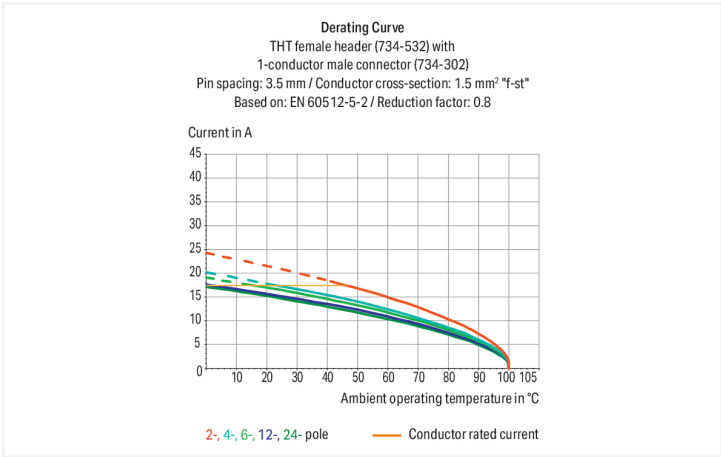


Color: ■ light gray

Similar to illustration



Dimensions in mm
L = (pole no. x pin spacing) + 1.5 mm



Federleiste/Buchse Serie 734 mit Rastermaß 3,5 mm

Die Federleiste/Buchse (Artikelnummer 734-537) ermöglicht eine fehlerfreie Elektroinstallation. Unsere Leiterplatten-Steckverbinder ermöglichen Ihnen die größtmögliche Flexibilität bei unterschiedlichen Montagearten. Die Maße sind in Breite x Höhe x Tiefe (26 x 14,3 x 14,65) mm. Die Kontaktoberfläche ist aus Zinn. Das MCS – "Multi Connection System" von WAGO umfasst insgesamt 7 Familien in den Rastermaßen 2,5 mm bis 10,16 mm und bietet mit dem Leiterquerschnittsbereich von 0,08 bis 25 mm² ein großes Portfolio an Einsatzmöglichkeiten. Der Leiterplatten-Steckverbinder wird mittels THT verlötet.

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:	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	7	Connection 1		
Total number of potentials	7	Pole number	7	
Number of connection types	1			
Number of levels	1			

Physical data		
Pin spacing		3.5 mm / 0.138 inches
Width		26 mm / 1.024 inches
Height		14.3 mm / 0.563 inches
Height from the surface		10.5 mm / 0.413 inches
Depth		14.65 mm / 0.577 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		0 °

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	0.043 MJ	
Weight	3.8 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	4045454120627	
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 8.0	EC002637	
ECCN	NO US CLASSIFICATION	

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 734-537			↓

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data			
CAD data		CAE data	
2D/3D Models 734-537		EPLAN Data Portal 734-537	↓
		ZUKEN Portal 734-537	↓

PCB Design	
Symbol and Footprint via SamacSys 734-537	↓
Symbol and Footprint via Ultra Librarian 734-537	↓