

Data Sheet | Item Number: 734-470

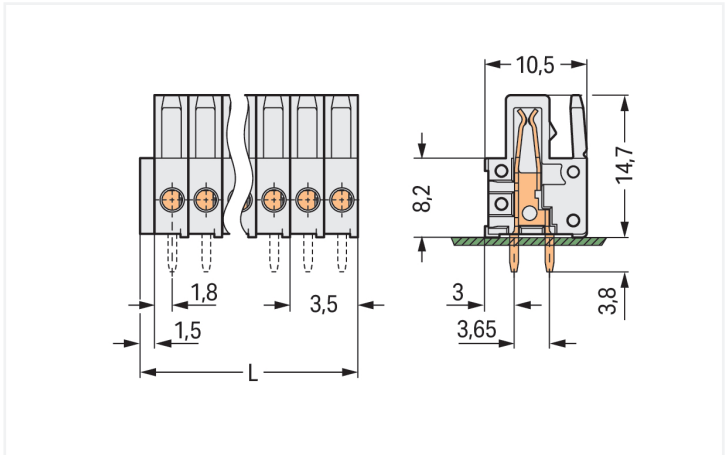
THT female header; straight; Pin spacing 3.5 mm; 10-pole; 100% protected against mismatching; 0.9 x 0.9 mm solder pin; light gray

<https://www.wago.com/734-470>



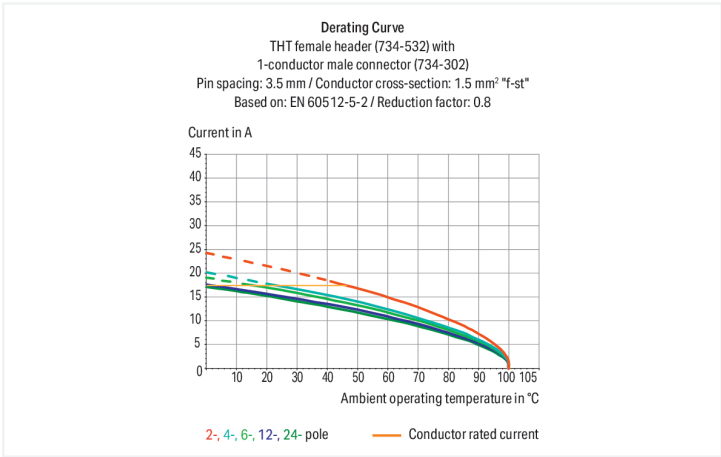
Color: ■ light gray

Similar to illustration



Dimensions in mm

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



Federleiste/Buchse Serie 734, lichtgrau

Bei dieser Federleiste/Buchse (Artikelnummer 734-470) ist eine reibungslose Elektroinstallation das Hauptaugenmerk. Mit unseren Leiterplatten-Steckverbindern erhalten Sie ein universelles Steckverbindersystem, das vielseitig Verwendung finden kann: als Leiterplatten-Steckverbinder, als Durchführungssteckverbinder, als fliegende Steckverbindung für verschiedene Montagearten oder als Steckverbinder auf Reihenklemmen. In Breite x Höhe x Tiefe betragen die Maße (36,5 x 18,5 x 10,5) mm. Die Oberfläche der Kontakte ist aus Zinn. Das MCS – "Multi Connection System" von WAGO ist ein vielfältiges Steckverbindersystem für Ihre durchgängige Systemverdrahtung. Es ermöglicht Ihnen eine vereinfachte Verdrahtung in der Kabelvorkonfektionierung und auf Geräten durch zwei Betätigungsrichtungen für die CAGE CLAMP®-Varianten. Die Verlotung 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			
Overvoltage category		III		III		II	
Pollution degree		3		2		2	
Nominal voltage		160 V		160 V		320 V	
Rated surge voltage		2.5 kV		2.5 kV		2.5 kV	
Rated current		10 A		10 A		10 A	

Approvals per				UL 1059			
Use group		B		C		D	
Rated voltage		300 V		-		300 V	
Rated current		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				10			
Total number of potentials				10			
Number of connection types				1			
Number of levels				1			

Connection 1			
Pole number		10	

Physical data			
Pin spacing		3.5 mm / 0.138 inches	
Width		36.5 mm / 1.437 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	0.067 MJ	
Weight	5.3 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	4044918999908	
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 734-470			↓

Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data			
CAD data		CAE data	
2D/3D Models 734-470		EPLAN Data Portal 734-470	↓
		ZUKEN Portal 734-470	↓

PCB Design	
Symbol and Footprint via SamacSys 734-470	↓
Symbol and Footprint via Ultra Librarian 734-470	↓