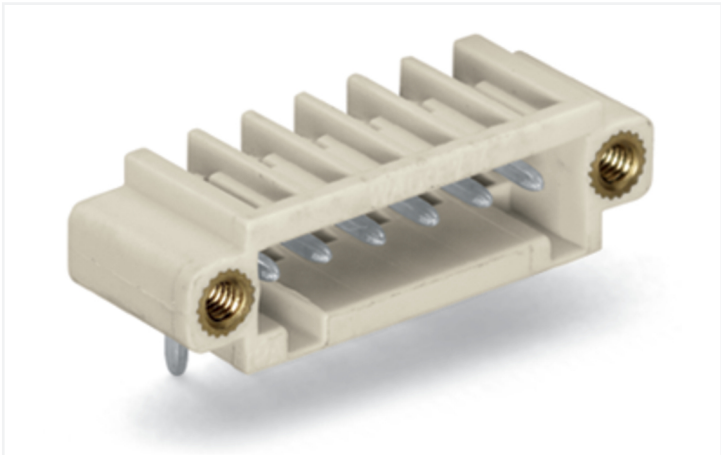


Data Sheet | Item Number: 734-164/108-000

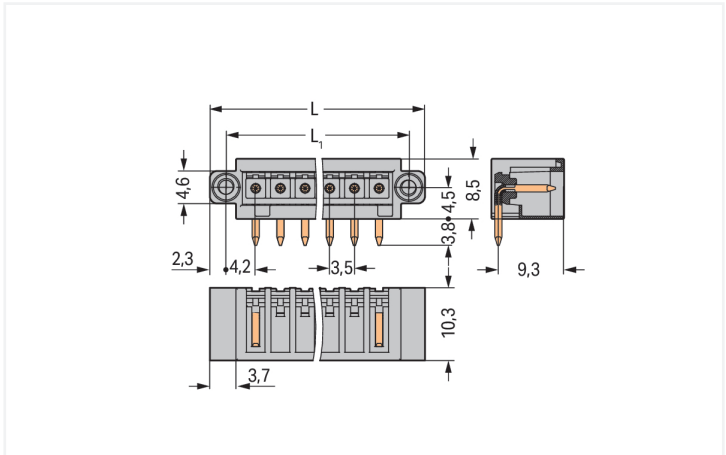
THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mis-mating; Threaded flange; Pin spacing 3.5 mm; 4-pole; light gray

<https://www.wago.com/734-164/108-000>



Color: ■ light gray

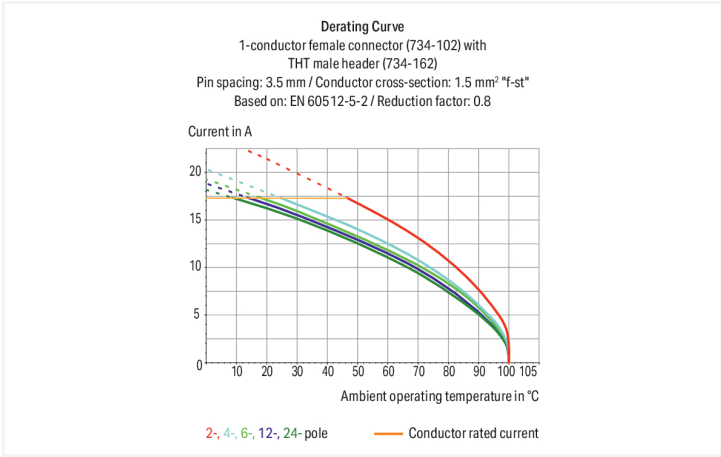
Similar to illustration



Dimensions in mm

$L = (\text{pole no.} \times \text{pin spacing}) + 9.5 \text{ mm}$

$L1 = (\text{pole no.} \times \text{pin spacing}) + 4.9 \text{ mm}$



Stiftleiste Serie 734, lichtgrau

Bei dieser Stiftleiste mit der Artikelnummer 734-164/108-000 ist eine saubere Elektroinstallation das Hauptaugenmerk. Mit unseren Leiterplatten-Steckverbindern bekommen Sie ein ganzheitliches Steckverbindersystem, das vielseitig eingesetzt werden 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 Abmessungen (23,5 x 12,3 x 10,3) mm. Die Kontaktoberfläche besteht 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		Approvals per	
					UL 1059	
Overvoltage category	III	III	II		Use group	B C D
Pollution degree	3	2	2		Rated voltage	300 V - 300 V
Nominal voltage	160 V	160 V	320 V		Rated current	10 A - 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			
Total number of potentials	4	Connection 1	
Number of connection types	1	Pole number	4
Number of levels	1		

Physical data	
Pin spacing	3.5 mm / 0.138 inches
Width	23.5 mm / 0.925 inches
Height	12.3 mm / 0.484 inches
Height from the surface	8.5 mm / 0.335 inches
Depth	10.3 mm / 0.406 inches
Solder pin length	3.8 mm
Solder pin dimensions	1 x 1 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)	Male connector/plug
Connector (connection type)	for PCB
Mismating protection	Yes
Mating direction to the PCB	0 °
Locking of plug-in connection	Threaded flange

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	light gray
Material group	I
Insulation material (main housing)	Polyamide (PA66)
Flammability class per UL94	V0
Contact material	Electrolytic copper (E _{CU})
Contact Plating	Tin
Fire load	0.027 MJ
Weight	1.8 g

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

Commercial data	
Product Group	3 (Multi Conn. System)
PU (SPU)	200 pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454683054
Customs tariff number	85366930000

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	
CAS-No.	7439-92-1
REACH Candidate List Substance	Lead
RoHS Compliance Status	Compliant,With Exemption
RoHS Exemption	6(c)
SCIP notification number (Austria)	e68a597f-838f-4e77-bee3-8badc954a00a
SCIP notification number (Belgium)	1b9491c4-9564-4c9e-a571-eea4a4668080
SCIP notification number (Bulgaria)	632a0e11-d28e-4d8c-8e40-843fb3d4ed74
SCIP notification number (Czech Republic)	8de14e4e-3422-45ac-91ca-9a6550d5b02e
SCIP notification number (Denmark)	6fa2ea48-db39-4268-8a21-433df17d8c6c
SCIP notification number (Finland)	43c431f5-9bf9-4259-b397-40425afd3b52
SCIP notification number (France)	95146849-2fea-4e7d-88e0-93e42f99a44b
SCIP notification number (Germany)	e2feb5a7-769d-4244-a4cf-19f7fd311a16
SCIP notification number (Hungary)	60c86d4f-ca31-458c-856d-8612b50f5558
SCIP notification number (Italy)	84df7dc2-f147-4054-9802-ffa42688e7a8
SCIP notification number (Netherlands)	121983b9-3839-408c-8f69-eea38ff1daed
SCIP notification number (Poland)	4e9c84ae-eb01-4b9d-bba3-e7ed99a5e711
SCIP notification number (Romania)	eead4a18-e84a-444a-b602-1d69369a5740
SCIP notification number (Sweden)	8167955d-a206-46da-a535-776737ad994a



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance

734-164/108-000

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Documentation

Additional Information

Technical Section

03.04.2019

pdf

2027.26 KB

↓

CAD/CAE-Data

CAD data

2D/3D Models

734-164/108-000

↓

CAE data

ZUKEN Portal

734-164/108-000

↓

PCB Design

Symbol and Footprint via SamacSys

734-164/108-000

↓

Symbol and Footprint via Ultra Librarian

734-164/108-000

↓

1 Compatible Products

1.1 System counterpart

1.1.1 Female connector/socket



Item No.: 734-104/107-000
1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Screw flange; 1,50 mm²; light gray



Item No.: 2734-104/107-000
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 4-pole; 100% protected against mismatching; Screw flange; 1,50 mm²; light gray



1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding

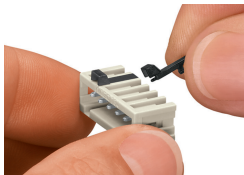


[Item No.: 734-159](#)
Coding key; to be snapped above top level; black

[Item No.: 734-130](#)
Coding key; to be snapped above top level; white

Installation Notes

Coding



Coding a male header – fitting coding key(s).