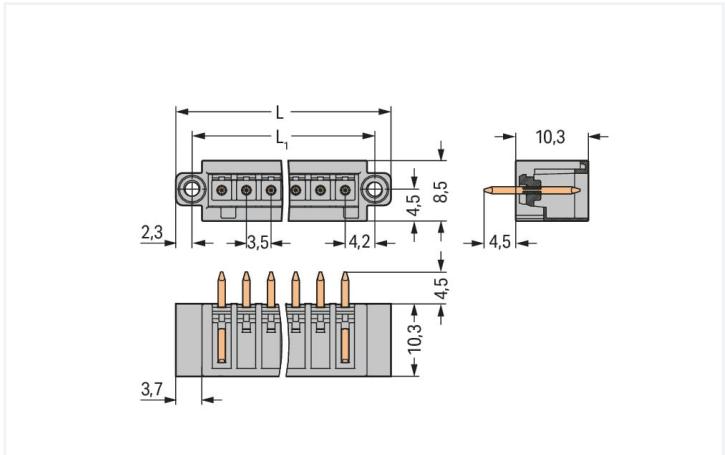


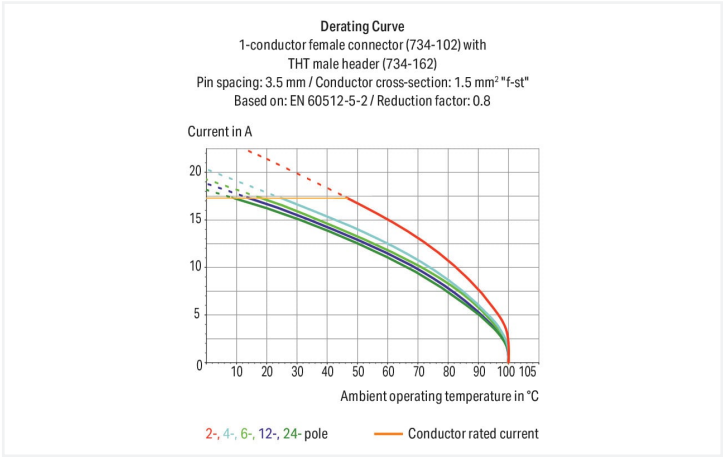


Color: ■ light gray

Similar to illustration



Dimensions in mm
L = (pole no. x pin spacing) + 9.5 mm
L1 = (pole no. x pin spacing) + 4.9 mm



- Horizontal or vertical PCB mounting via straight or angled solder pins
- 100% protected against mismatching; only mating halves with the same number of poles can be connected together
- Coding option available

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			
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	14.8 mm / 0.583 inches	
Height from the surface	10.3 mm / 0.406 inches	
Depth	8.5 mm / 0.335 inches	
Solder pin length	4.5 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	90 °	
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	Polyamide (PA66)	
Flammability class per UL94	V0	
Contact material	Electrolytic copper (E _{CU})	
Contact plating	Tin	
Fire load	0.027 MJ	
Weight	1.6 g	



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

Commercial data	
Product Group	3 (Multi Conn. System)
eCl@ss 10.0	27-44-04-02
eCl@ss 9.0	27-44-04-02
ETIM 8.0	EC002637
ETIM 7.0	EC002637
PU (SPU)	200 pcs
Packaging type	Box
Country of origin	PL
GTIN	4045454682958
Customs tariff number	85366930000

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)	7fe6c87e-c564-46bd-9682-fff94bed6b8c
SCIP notification number (Belgium)	685ad7ec-b00e-4d87-84de-65744f57af74
SCIP notification number (Bulgaria)	2acff047-4ef2-47ce-8f83-a55103886a4a
SCIP notification number (Czech Republic)	1f71aea0-863f-4419-b0a1-528b77d1ba5f
SCIP notification number (Denmark)	49ebce73-8565-40af-96d9-ebc11268bb6f
SCIP notification number (Finland)	a81383a5-11e7-49e5-8f6c-f7e5e9cfd5a8
SCIP notification number (France)	a170b759-a37c-48a3-9710-546085d1f240
SCIP notification number (Germany)	15045abd-036d-4be7-9699-bf7ca13c39c6
SCIP notification number (Hungary)	7675e7d1-d11a-4535-9f2e-1052b8a163f3
SCIP notification number (Italy)	cb51f8d2-d37e-47b4-b852-b925c4283c98
SCIP notification number (Netherlands)	266bc5b4-d027-4c92-a4ae-8a53d8750cbd
SCIP notification number (Poland)	8496c04b-5742-4486-9d31-0a867275fac7
SCIP notification number (Romania)	8dc01b11-70ed-4379-aba6-5431d8d32e41
SCIP notification number (Sweden)	1ac4105e-1627-4755-b833-0037863dc9da

Approvals / Certificates		
General approvals		
Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2	1465035
UL Underwriters Laboratories Inc.	UL 1977	E 45171
UR Underwriters Laboratories Inc.	UL 1059	E45172
Declarations of conformity and manufacturer's declarations		
Approval	Standard	Certificate Name
Railway WAGO GmbH & Co. KG	-	Railway Ready



Approvals for marine applications



Approval	Standard	Certificate Name
BV Bureau Veritas S.A.	IEC 60998	11915/D0 BV

Downloads

Environmental Product Compliance

Compliance Search
Environmental Product Compliance 734-134/108-000



Documentation

Additional Information
Technical Section 03.04.2019 pdf 2027.26 KB



CAD/CAE-Data

CAD data
2D/3D Models 734-134/108-000



CAE data
ZUKEN Portal 734-134/108-000



PCB Design

Symbol and Footprint via SamacSys 734-134/108-000
Symbol and Footprint via Ultra Librarian 734-134/108-000



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 mismating; 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 mismating; Screw flange; 1,50 mm²; light gray

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding

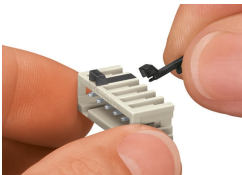


[Item No.: 734-159](#)
Coding key; to be snapped above top level; black

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

Installation Notes

Coding



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