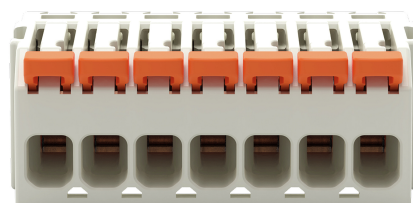
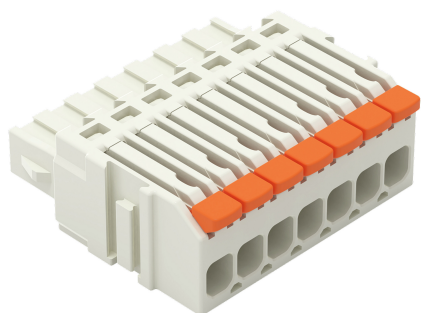


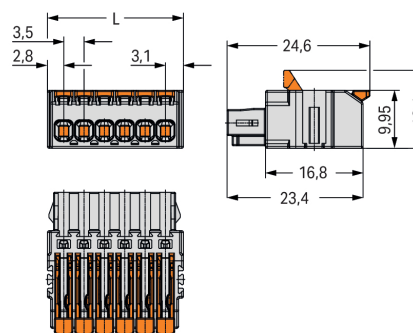
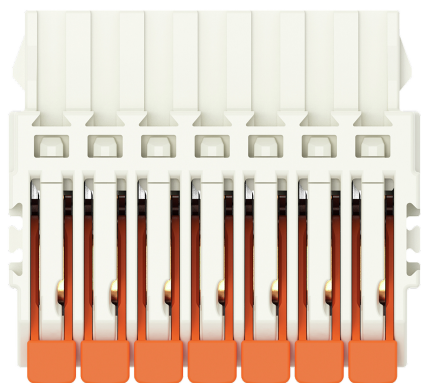
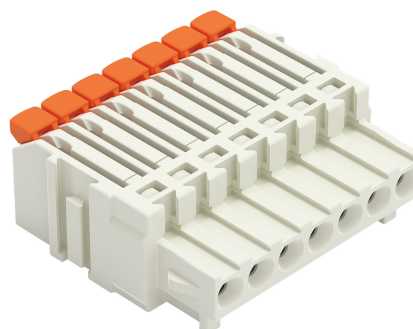
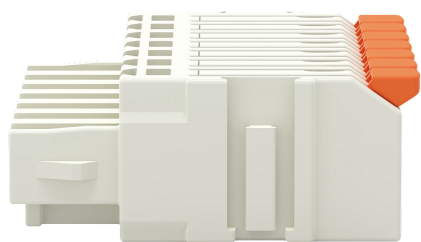
Data Sheet | Item Number: 2734-1107/327-000

1-conductor female connector; lever; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 7-pole; 100% protected against mismatching; 1,50 mm²; light gray

<https://www.wago.com/2734-1107/327-000>



Color: ■ light gray



Dimensions in mm
 $L = (\text{pole no.} \times \text{pin spacing}) + 2.4 \text{ mm}$

Female connector, 2734 Series, light gray

Our female connector (item number 2734-1107/327-000) ensures effortless electrical installations. Strip lengths must be between 9 and 10 mm when connecting conductors to this female connector. This product features one conductor terminal and utilizes Push-in CAGE CLAMP®. Our Push-in CAGE CLAMP® is a universal, maintenance-free connection solution for all conductor types, featuring a winning design: both solid and fine-stranded conductors with ferrules can be di-



rectly inserted without the need for tools or any preparation, such as crimping the ferrule. The item's dimensions are (26.9 x 9.95 x 24.6) mm (width x height x depth). Depending on the conductor type, this female connector is ideal for conductor cross sections ranging from 0.14 mm² to 1.5 mm².

Tin is used for coating the contact surfaces.

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 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 impulse withstand 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	7	Connection 1 <table><tr><td>Connection technology</td><td>Push-in CAGE CLAMP®</td></tr><tr><td>Actuation type</td><td>Lever</td></tr><tr><td>Solid conductor</td><td>0.14 ... 1.5 mm² / 26 ... 14 AWG</td></tr><tr><td>Solid conductor; push-in termination</td><td>0.34 ... 1.5 mm² / 22 ... 14 AWG</td></tr><tr><td>Fine-stranded conductor</td><td>0.14 ... 1.5 mm² / 26 ... 14 AWG</td></tr><tr><td>Fine-stranded conductor; with insulated fer- rule</td><td>0.14 ... 0.75 mm²</td></tr><tr><td>Fine-stranded conductor; with uninsulated ferrule</td><td>0.14 ... 1 mm²</td></tr><tr><td>Strip length</td><td>9 ... 10 mm / 0.35 ... 0.39 inches</td></tr><tr><td>Pole number</td><td>7</td></tr><tr><td>Conductor entry direction to mating direc- tion</td><td>0 °</td></tr></table>	Connection technology	Push-in CAGE CLAMP®	Actuation type	Lever	Solid conductor	0.14 ... 1.5 mm² / 26 ... 14 AWG	Solid conductor; push-in termination	0.34 ... 1.5 mm² / 22 ... 14 AWG	Fine-stranded conductor	0.14 ... 1.5 mm² / 26 ... 14 AWG	Fine-stranded conductor; with insulated fer- rule	0.14 ... 0.75 mm²	Fine-stranded conductor; with uninsulated ferrule	0.14 ... 1 mm²	Strip length	9 ... 10 mm / 0.35 ... 0.39 inches	Pole number	7	Conductor entry direction to mating direc- tion	0 °
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Fine-stranded conductor; with uninsulated ferrule	0.14 ... 1 mm²																					
Strip length	9 ... 10 mm / 0.35 ... 0.39 inches																					
Pole number	7																					
Conductor entry direction to mating direc- tion	0 °																					
Total number of potentials	7																					
Number of connection types	1																					
Number of levels	1																					

Physical data

Pin spacing	3.5 mm / 0.138 inches
Width	26.9 mm / 1.059 inches
Height	9.95 mm / 0.392 inches
Depth	24.6 mm / 0.969 inches

Mechanical data

Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	Yes

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
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Copper alloy
Contact Plating	Tin
Fire load	0.091 MJ
Weight	5.8 g

Environmental requirements

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

Commercial data

Packaging type	Box
Country of origin	DE
GTIN	4066966216110
Customs tariff number	85366990990

Product Classification

UNSPSC	39121409
ETIM 9.0	EC002638
ETIM 10.0	EC002638
ECCN	NO US CLASSIFICATION



Environmental Product Compliance	
RoHS Compliance Status	Compliant, No Exemption

Approvals / Certificates

General approvals



Approval	Standard	Certificate Name
CSA DEKRA Certification B.V.	C22.2 No. 158	2314554
UL Underwriters Laboratories Inc.	UL 1977	E 45171
UL Underwriters Laboratories Inc.	UL 1059	UL-US-L45172-6187124-1

Downloads

Environmental Product Compliance

Compliance Search	
Environmental Product Compliance 2734-1107/327-000	↓

Documentation

Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓

CAD/CAE-Data

CAD data
2D/3D Models 2734-1107/327-000

PCB Design
Symbol and Footprint via SamacSys 2734-1107/327-000
Symbol and Footprint via Ultra Librarian 2734-1107/327-000



1 Compatible Products

1.1 System counterpart

1.1.1 Male connector/plug



Item No.: 734-307
1-conductor male connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 7-pole; 100% protected against mismatching; light gray



Item No.: 734-167
THT male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mismatching; Pin spacing 3.5 mm; 7-pole; light gray



Item No.: 734-137
THT male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mismatching; Pin spacing 3.5 mm; 7-pole; light gray

1.2 Optional Accessories

1.2.1 Coding

1.2.1.1 Coding



Item No.: 2734-505
Coding pin carrier; 5 coding keys; for female connectors; orange

1.2.2 Ferrule

1.2.2.1 Ferrule



Item No.: 216-241
Ferrule; Sleeve for 0.5 mm² / 20 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; white



Item No.: 216-141
Ferrule; Sleeve for 0.5 mm² / 20 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92



Item No.: 216-242
Ferrule; Sleeve for 0.75 mm² / 18 AWG; insulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 4/09.90; gray



Item No.: 216-142
Ferrule; Sleeve for 0.75 mm² / 18 AWG; uninsulated; electro-tin plated; electrolytic copper; gastight crimped; acc. to DIN 46228, Part 1/08.92

1.2.3 Jumper

1.2.3.1 Jumper



Item No.: 2734-402
Jumper; for conductor entry; 2-way; insulated; light gray

1.2.4 Locking system

1.2.4.1 Locking system



Item No.: 2734-516
center locking; for female connectors; For Push-in CAGE CLAMP® connection; lever; Pin spacing 3.5 mm; 4-pole; orange



Item No.: 2734-510
Locking lever; for female connectors; 1 part; For Push-in CAGE CLAMP® connection; lever; orange

1.2.5 Strain relief

1.2.5.1 Strain relief plate



Item No.: 2734-534
Strain relief plate; for female connectors; 13 mm wide; 1 part; lever; Pin spacing 3.5 mm; light gray

1.2.6 Test and measurement

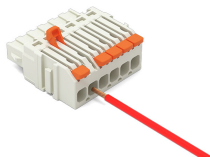
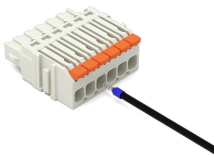
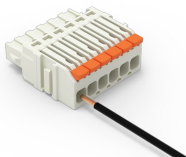
1.2.6.1 Testing accessories



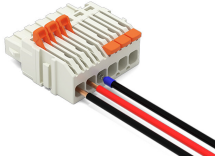
Item No.: 735-500
WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 6 mm uninsulated; Test lead for soldering up to 0,5mm²

Installation Notes

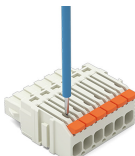
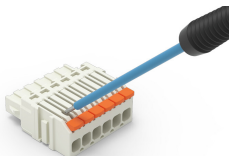
Conductor termination



Conductor removal



Testing



Marking

