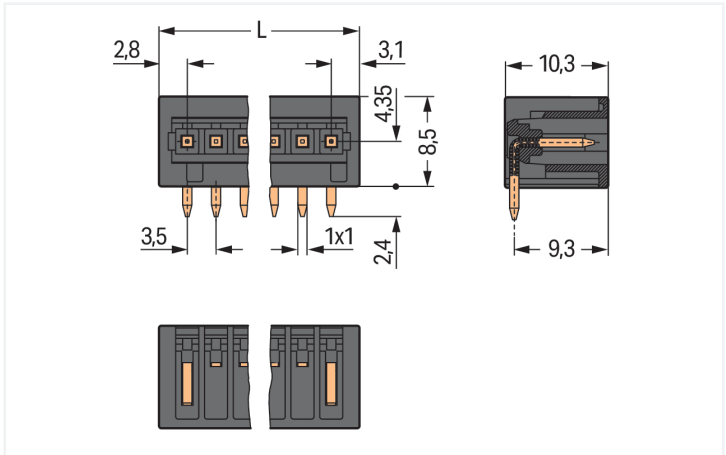


Data Sheet | Item Number: 734-167/105-604
THR male header; 1.0 x 1.0 mm solder pin; angled; 100% protected against mis-
mating; Pin spacing 3.5 mm; 7-pole; black
<https://www.wago.com/734-167/105-604>

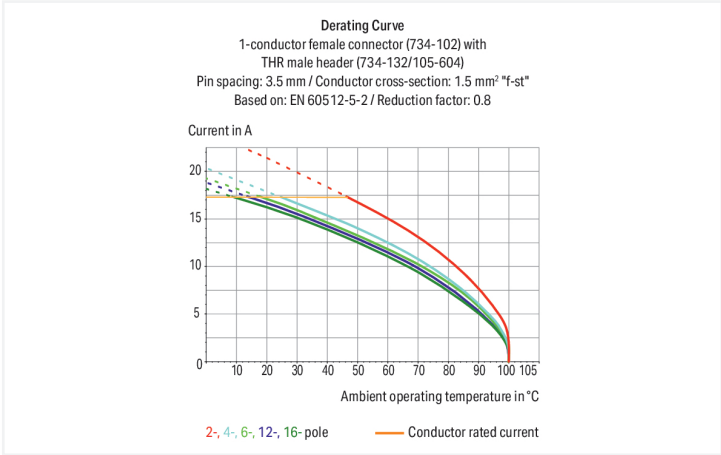


Color: ■ black

Similar to illustration



Dimensions in mm
L = (pole no. – 1) x pin spacing + 5.9 mm



Stiftleiste Serie 734, schwarz

Die Stiftleiste hat die Artikelnummer 734-167/105-604 und schafft eine fehlerfreie Elektroinstallation. 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 sind die Maße (26,9 x 10,9 x 10,3) mm. Die Kontaktoberfläche besteht aus Zinn. Das "Multi Connection System" – MCS von WAGO ist das vielfältige Steckverbindersystem mit überzeugenden Lösungen für Ihre Anwendungen. Die Verlötung des Leiterplatten-Steckverbinders erfolgt mittels THR.

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 solder pin lengths 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			
Total number of potentials	7	Connection 1	
Number of connection types	1	Pole number	7
Number of levels	1		

Physical data	
Pin spacing	3.5 mm / 0.138 inches
Width	26.9 mm / 1.059 inches
Height	10.9 mm / 0.429 inches
Height from the surface	8.5 mm / 0.335 inches
Depth	10.3 mm / 0.406 inches
Solder pin length	2.4 mm
Solder pin dimensions	1 x 1 mm
Plated through-hole diameter (THR)	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 °

PCB contact	
PCB contact	THR
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		black
Material group		I
Insulation material (main housing)		Polyphthalamide (PPA GF)
Flammability class per UL94		V0
Contact material		Electrolytic copper (E _{CU})
Contact Plating		Tin
Fire load		0.028 MJ
Weight		1.8 g
MSL per J-STD 020D		1

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

Commercial data		
Product Group		3 (Multi Conn. System)
PU (SPU)		100 pcs
Packaging type		Box
Country of origin		PL
GTIN		4017332747837
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		
RoHS Compliance Status		Compliant, No Exemption

Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance
734-167/105-604

↓



Documentation			
Additional Information			
Technical Section	03.04.2019	pdf 2027.26 KB	↓
		pdf 535.32 KB	↓

CAD/CAE-Data	
CAD data	CAE data
2D/3D Models 734-167/105-604	ZUKEN Portal 734-167/105-604

PCB Design	
Symbol and Footprint via SamacSys 734-167/105-604	↓
Symbol and Footprint via Ultra Librarian 734-167/105-604	↓

1 Compatible Products
1.1 System counterpart
1.1.1 Female connector/socket



Item No.: 734-107
1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 7-pole; 100% protected against mismatching; 1,50 mm²; light gray

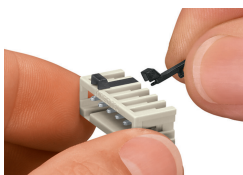
1.2 Optional Accessories
1.2.1 Coding
1.2.1.1 Coding



Item No.: 734-159
Coding key; to be snapped above top level; black

Installation Notes

Coding



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