

Data Sheet | Item Number: 734-136/105-604/997-407

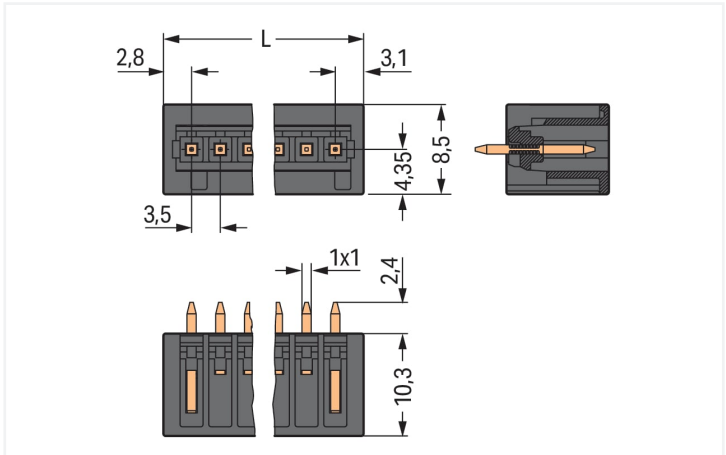
THR male header; 1.0 x 1.0 mm solder pin; straight; 100% protected against mis-mating; in tape-and-reel packaging; Pin spacing 3.5 mm; 6-pole; black

<https://www.wago.com/734-136/105-604/997-407>

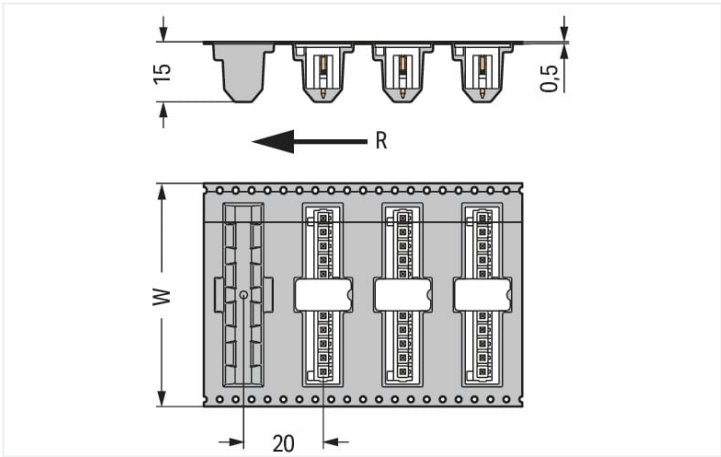


Color: ■ black

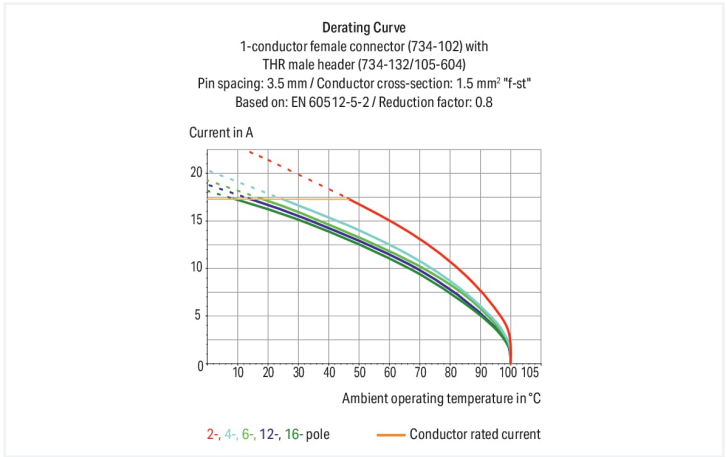
Similar to illustration



Dimensions in mm
 $L = (\text{pole no.} - 1) \times \text{pin spacing} + 5.9 \text{ mm}$



Dimensions in mm
W = tape width
R = feed direction



Stiftleiste Serie 734 mit Lötstiftabmessungen 1 x 1 mm

Die Stiftleiste mit der Artikelnummer 734-136/105-604/997-407 ermöglicht eine saubere Elektroinstallation. Setzen Sie beim Design-In Ihres Gerätes auf bewährte Sicherheit: Mit Leiterplatten-Steckverbindern haben Sie diverse Verwendungsmöglichkeiten. Bemessungsstrom und -spannung sind wichtige Kriterien bei der Auswahl eines Leiterplatten-Steckverbinders: Sie geben Auskunft über die möglichen Einsatzbereiche und Anwendungen. Bei diesem Produkt beträgt die Bemessungsspannung 160 V und der Bemessungsstrom 10 A. Die Maße betragen in Breite x Höhe x Tiefe 23,4 x 12,7 x 8,5 mm. Die Kontakte sind aus Elektrolytkupfer (ECu) und das schwarze Gehäuse aus Polyphthalamid (PPA GF) sorgt für die Isolierung. Die Oberfläche der Kontakte ist aus Zinn. Das "Multi Connection System" – MCS von WAGO ist das vielfältige Steckverbindersystem mit überzeugenden Lösungen für Ihre Anwendungen. Der Leiterplatten-Steckverbinder wird mittels THR verlötet. Die Lötstifte haben die Abmessungen 1 x 1 mm sowie eine Länge von 2,4 mm und sind über die gesamte Stiftleiste in Reihe gesetzt. Pro Potenzial gibt es einen Lötstift.

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			
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				6			
Number of connection types				1			
Number of levels				1			

Connection 1			
Pole number		6	

Physical data	
Pin spacing	3.5 mm / 0.138 inches
Width	23.4 mm / 0.921 inches
Height	12.7 mm / 0.5 inches
Height from the surface	10.3 mm / 0.406 inches
Depth	8.5 mm / 0.335 inches
Solder pin length	2.4 mm
Solder pin dimensions	1 x 1 mm
Plated through-hole diameter (THR)	1.4 (+0.1) mm
Reel diameter of tape-and-reel packaging	330 mm
Tape width	56 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 °



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		0.034 MJ
Weight		1.4 g
MSL per J-STD 020D		1

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

Commercial data		
eCl@ss 10.0		27-44-04-02
eCl@ss 9.0		27-44-04-02
ETIM 9.0		EC002637
ETIM 8.0		EC002637
PU (SPU)		200 pcs
Packaging type		Bag
Country of origin		DE
GTIN		4044918842389
Customs tariff number		85366930000

Environmental Product Compliance		
RoHS Compliance Status		Compliant,No Exemption

Downloads

Environmental Product Compliance

Compliance Search

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

CAD/CAE-Data	
CAD data	CAE data
↓	↓

PCB Design
↓
↓

1 Compatible Products
1.1 System counterpart
1.1.1 Female connector/socket



Item No.: 734-106
1-conductor female connector; CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 6-pole; 100% protected against mismatching; 1,50 mm²; light gray

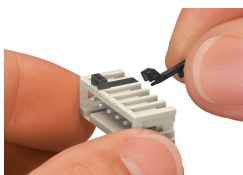
1.2 Optional Accessories
1.2.1 Coding
1.2.1.1 Coding



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

Installation Notes

Coding



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