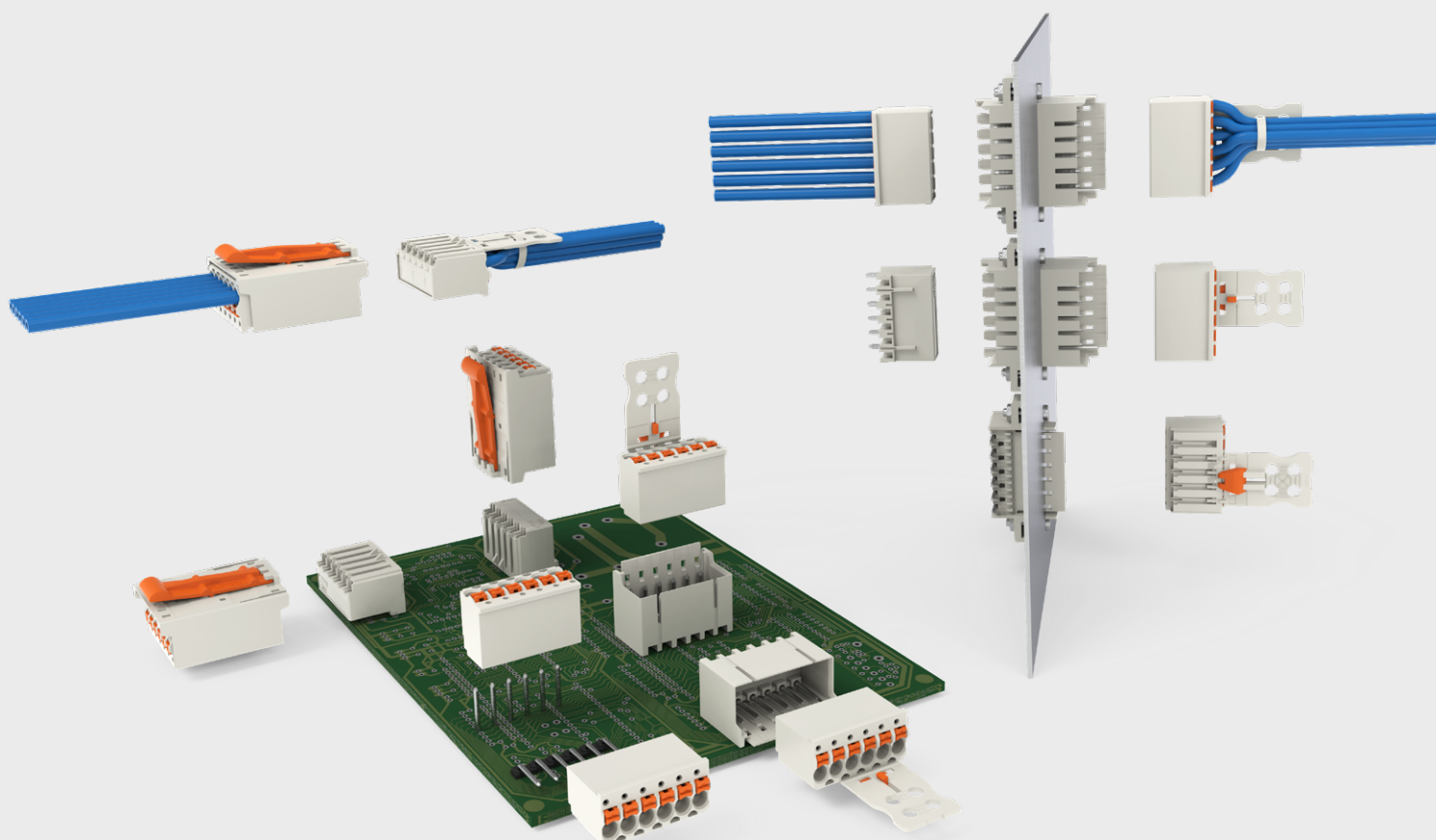




picoMAX[®]* and *picoMAX[®] eCOM

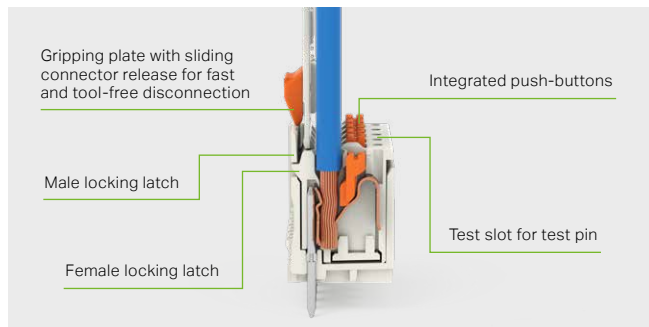
The Pluggable Connection System and the Pluggable PCB Terminal Block



Cleverly Pluggable, Simply Compact

picoMAX®

The Versatile Pluggable Connection System



- Pin spacing: 3 / 5 / 7.5 mm
- Female connectors and male headers
- Horizontal and vertical versions
- Integrated locking latch for each connector combination
- Custom coding options
- 8g vibration resistance with ferrule



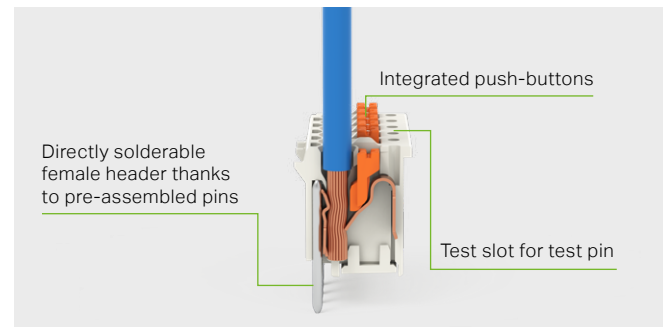
Wire-to-board



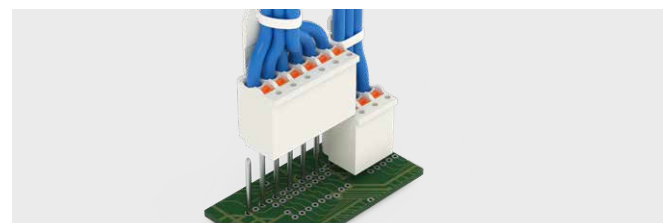
Board-to-wire

picoMAX® eCOM

The Pluggable PCB Terminal Block



- Pin spacing: 3 / 5 / 7.5 mm
- Female headers with pre-assembled pins
- Horizontal and vertical wire-to-board connections
- Process as a PCB terminal block, use as a pluggable connector
- THR variants with a large process window for THR soldering



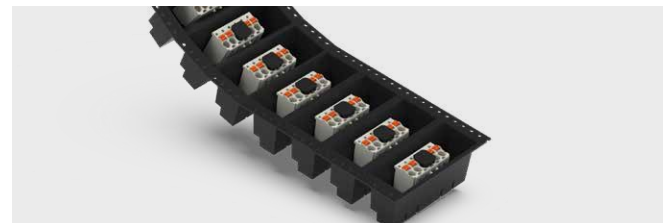
Modular without pole loss in all pitches



Wire-to-wire
















Panel feedthrough connections



Male headers, pin strips and picoMAX®eCOM variants are available in tape-and-reel packaging for efficient processing

picoMAX®

Combination Overview of Male and Female Connectors/Headers

picoMAX®		Male Connectors/Headers					
Combination Overview of Male and Female Connectors/Headers		with straight solder pins 	with angled solder pins 	with conductor connection and release lever 	for panel feedthrough connections external →  ← internal without locking function 		
Female Connectors/Headers	with conductor connection and gripping plate with sliding connector release 	✓	✓	✓	external ✓	internal ✓	
	with conductor connection with/without gripping Plate  	✓ 	✓ 	✓	external ✓ 	internal ✓	
	with straight/angled solder pins  	✗	✗	✓	external ✗	internal ✓	



Disconnection: Open locking latches via unlocking tool.










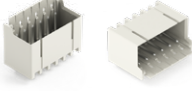
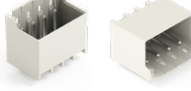
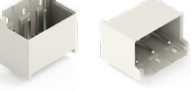
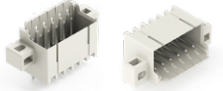
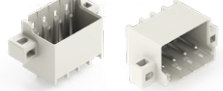
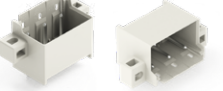
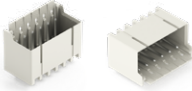
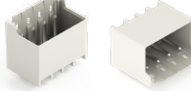












This combination of male and female connector/header is allowed.



This combination of male and female connector/header is not allowed.

picoMAX® Wire-to-Board Connectors with Push-in CAGE CLAMP®

3.5 mm	5 mm	7.5 mm
Female connector, 2091 Series 	Female connector, 2092 Series 	Female connector, 2092 Series 
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-1126 Female connector with gripping plate, 2091 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-1124 Female connector with gripping plate, 2092 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-3123 Female connector with gripping plate, 2092 Series 
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-1106 Female connector with gripping plate and sliding connector release, 2091 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-1104 Female connector with gripping plate and sliding connector release, 2092 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-3103 Female connector with gripping plate and sliding connector release, 2092 Series 
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-1106/0002-0000 THT male headers, 2091 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-1104/0002-0000 THT male headers, 2092 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-3103/0002-0000 THT male headers, 2092 Series 
2091-1406 2091-1426 THT male headers with mounting flanges, 2091 Series 	2092-1404 2092-1424 THT male headers with mounting flanges, 2092 Series 	2092-3403 2092-3423 THT male headers with mounting flanges, 2092 Series 
2091-1406/0005-0000 2091-1426/0005-0000 THR male headers, 2091 Series 	2092-1404/0005-0000 2092-1424/0005-0000 THR male headers, 2092 Series 	2092-3403/0005-0000 2092-3423/0005-0000 THR male headers, 2092 Series 
2091-1406/0200-0000 2091-1426/0200-0000 THR male headers with mounting flanges, 2091 Series 	2092-1404/0200-0000 2092-1424/0200-0000 THR male headers with mounting flanges, 2092 Series 	2092-3403/0200-0000 2092-3423/0200-0000 THR male headers with mounting flanges, 2092 Series 
2091-1406/0205-0000 2091-1426/0205-0000 THT pin strips, 2091 Series 	2092-1404/0205-0000 2092-1424/0205-0000 THT pin strips, 2092 Series 	2092-3403/0205-0000 2092-3423/0205-0000 THT pin strips, 2092 Series 
2091-1706 2091-1726 THR pin strips, 2091 Series 	2092-1704 2092-1724 THR pin strips, 2092 Series 	2092-3703 2092-3723 THR pin strips, 2092 Series 
2091-1706/0200-0000 2091-1726/0200-0000	2092-1704/0200-0000 2092-1724/0200-0000	2092-3703/0200-0000 2092-3723/0200-0000










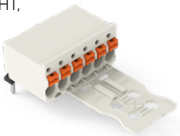








T&R

These products are also available in tape-and-reel packaging.

These can be identified by an additional number .../0997-0xxx or .../0998-0xxx.

Additional male headers, pin strips and *picoMAX*® eCOM variants are available in tape-and-reel packaging upon request.

Pluggable PCB Terminal Blocks, *picoMAX®* eCOM, Wire-to-Board, with Push-in CAGE CLAMP®

3.5 mm	5 mm	7.5 mm
<i>picoMAX®</i> eCOM THT, 2091 Series 	<i>picoMAX®</i> eCOM THT, 2092 Series 	<i>picoMAX®</i> eCOM THT, 2092 Series 
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-1176 <i>picoMAX®</i> eCOM THT, 2091 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-1174 <i>picoMAX®</i> eCOM THT, 2092 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-3173 <i>picoMAX®</i> eCOM THT, 2092 Series 
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-1376 <i>picoMAX®</i> eCOM THT, 2091 Series, with gripping plate 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-1374 <i>picoMAX®</i> eCOM THT, 2092 Series, with gripping plate 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-3373 <i>picoMAX®</i> eCOM THT, 2092 Series, with gripping plate 
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-1156 <i>picoMAX®</i> eCOM THT, 2091 Series, with gripping plate 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-1154 <i>picoMAX®</i> eCOM THT, 2092 Series, with gripping plate 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-3153 <i>picoMAX®</i> eCOM THT, 2092 Series, with gripping plate 
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-1356 <i>picoMAX®</i> eCOM THR, 2091 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-1354 <i>picoMAX®</i> eCOM THR, 2092 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-3353 <i>picoMAX®</i> eCOM THR, 2092 Series 
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-2176/0200-0000 <i>picoMAX®</i> eCOM THR, 2091 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-2174/0200-0000 <i>picoMAX®</i> eCOM THR, 2092 Series 	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-4173/0200-0000 <i>picoMAX®</i> eCOM THR, 2092 Series 
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-2376/0200-0000	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-2374/0200-0000	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-4373/0200-0000

T&R

T&R

T&R








T&R

T&R

T&R

Push-in CAGE CLAMP®:
The universal connection with an additional advantage: Push-in – To use: Open the clamping unit, insert conductor, release the clamp. Terminate both solid and ferruled conductors by simply pushing them in – no operating tool needed.

Pluggable Connectors and Feedthrough Male Connectors *picoMAX*®, Wire-to-Wire, Board-to-Wire, with Push-in CAGE CLAMP®

3.5 mm	5 mm	7.5 mm
Standard male connector, 2091 Series	Standard male connector, 2092 Series	Standard male connector, 2092 Series
		
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-1526/0002-0000	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-1524/0002-0000	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-3523/0002-0000
Standard male connector with gripping plate, 2091 Series	Standard male connector with gripping plate, 2092 Series	Standard male connector with gripping plate, 2092 Series
		
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-1506/0002-0000	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-1504/0002-0000	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-3503/0002-0000
Standard male connector with snap-in mounting feet, 2091 Series	Standard male connector with snap-in mounting feet, 2092 Series	Standard male connector with snap-in mounting feet, 2092 Series
		
0,2 ... 1.5 mm² / 24 ... 14 AWG 2091-1526/0020-0000	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-1524/0020-0000	0,2 ... 2.5 mm² / 24 ... 12 AWG 2092-3523/0020-0000
THT solderable female headers, 2091 Series	THT solderable female headers, 2092 Series	THT solderable female headers, 2092 Series
		
2091-1306 2091-1326	2092-1304 2092-1324	2092-3303 2092-3323
THR solderable female headers, 2091 Series	THR solderable female headers, 2092 Series	THR solderable female headers, 2092 Series
		
2091-1306/0200-0000 2091-1326/0200-0000	2092-1304/0200-0000 2092-1324/0200-0000	2092-3303/0200-0000 2092-3323/0200-0000
Panel feedthrough male connector with mounting flange, 2091 Series	Panel feedthrough male connector with mounting flange, 2092 Series	
		
2091-1636/0024-0000	2092-1634/0024-0000	
Unlocking tool	Test pin	Operating tool
		
for female connectors without gripping plate or sliding connector release, 2092-1630	1 mm Ø, with solder connection for test cable, 0735-0500	with a partially insulated shaft, type 1, (2.5 x 0.4) mm blade, 0210-0719
Gripping plate	Gripping plate with sliding connector release	Coding pin carrier
		
pluggable 2091-1602	pluggable 2092-1601/0002-0000	with two coding keys for each male male and female connector/ header, 2091-1610 (3.5 mm) / 2092-1610 (5 mm and 7.5 mm)
Mounting adapter for DIN-35 rail		
		
for male connectors with snap-in mounting feet 0209-0189		

Accessories

WAGO GmbH & Co. KG

Postfach 2880 · 32385 Minden
Hansastraße 27 · 32423 Minden

info@wago.com
www.wago.com

Headquarters	+49 (0)571/887 - 0
Sales	+49 (0)571/887 - 44 222
Orders	+49 (0)571/887 - 44 333



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