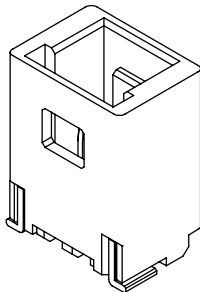


1.00mm (.039") Pitch Pico-Clasp™ Wire-to-Board Header

501331
SMT, Single Row
Positive and Friction Lock



Features and Benefits

- Positive lock on 6-15 circuits; friction lock on 2-5 circuits
- Inner positive lock provides space savings and latch protection
- Molded guides provide polarization and mating assistance

Reference Information

Product Specification: PS-501331-001
Packaging: Embossed tape
Mates With: 501330
Designed In: Millimeters

Electrical

Voltage: 50V max.
Current: 1.0A max.
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 250V AC/1 min.
Insulation Resistance: 100 Megohms min.

Physical

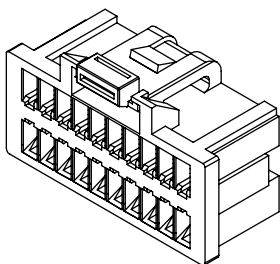
Housing: Nylon, UL 94V-0
Contact: Phosphor Bronze
Plating: Tin over Nickel
Fitting Nail: Phosphor Bronze, Tin over Nickel plating

Circuits	Order No.		Lead-free
	Positive Lock	Friction Lock	
2		501331-0207	Yes
3		501331-0307	
4		501331-0407	
5		501331-0507	
6	501331-0607		
7	501331-0707		
8	501331-0807		

Circuits	Order No.		Lead-free
	Positive Lock	Friction Lock	
9	501331-0907		Yes
10	501331-1007		
11	501331-1107		
12	501331-1207		
13	501331-1307		
14	501331-1407		
15	501331-1507		

1.00mm (.039") Pitch Pico-Clasp™ Wire-to-Board Housing

501189
Dual Row



Features and Benefits

- Inner positive lock provides space savings and latch protection
- Molded guides provide polarization and mating assistance

Reference Information

Product Specification: PS-501190-001; PS-501190-002
Packaging: Bag
Mates With: 501190
Use With: 501193
Designed In: Millimeters

Electrical

Voltage: 50V max.
Current: 1.0A max.
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 250V AC/1 min.
Insulation Resistance: 100 Megohms min.

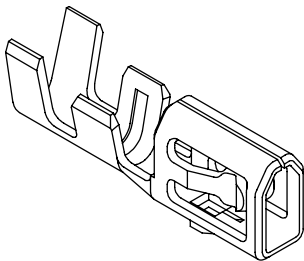
Physical

Housing: Nylon, UL 94V-0

Circuits	Order No.		Lead-free
	Positive Lock	Side Friction Lock	
20	501189-2010	501189-2021	Yes
30	501189-3010	501189-3021	
40	501189-4010	501189-4021	
50	501189-5010	501189-5021	

1.00mm (.039") Pitch Pico-Clasp™ Wire-to-Board Crimp Terminal

501193
For Dual Row
Housings



Order No.	Package	Lead-free
501193-2000	Reel	Yes

Features and Benefits

- Box-shaped design provides 2 points of contact for secure electrical connection

Reference Information

Product Specification: PS-501190-001 and PS-501190-002
Packaging: Reel
Use With: 501189
Designed In: Millimeters

Electrical

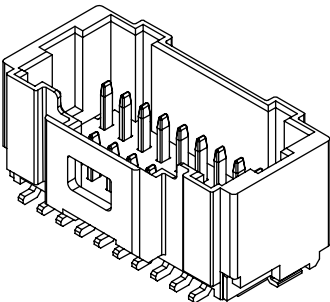
Voltage: 50V
Current: 1.0A max.

Physical

Contact: Phosphor Bronze
Plating: Gold over Nickel
Wire Size: 28 to 32 AWG
Insulation Diameter: 0.80mm (.031") max.
Wire Strip Length: 1.00 to 1.30mm (.039 to .051")

1.00mm (.039") Pitch Pico-Clasp™ Wire-to-Board Header

501190
Dual Row, SMT



Circuits	Order No.		Lead-free
	With Pick-and-Place Cover Tape	Without Pick-and-Place Cover Tape	
20	501190-2017	501190-2027	Yes
30	501190-3017	501190-3027	
40	501190-4017	501190-4027	
50	501190-5017	501190-5027	

Features and Benefits

- Inner positive lock provides space savings and latch protection
- Molded guides provide polarization and mating assistance

Reference Information

Product Specification: PS-501190-001 and PS-501190-002
Packaging: Embossed tape
Mates With: 501189
Designed In: Millimeters

Electrical

Voltage: 50V max.
Current: 1.0A max.
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 250V AC/1 min.
Insulation Resistance: 100 Megohms min.

Physical

Housing: Nylon, UL 94V-0
Contact: Phosphor Bronze
Plating: Gold over Nickel
Fitting Nail: Phosphor Bronze, Tin over Nickel plating