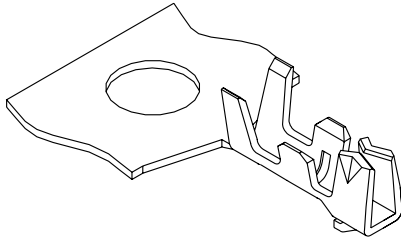


1.25mm (.049") Pitch PicoBlade™ Wire-to-Board and Wire-to-Wire Crimp Terminal

50079/50058
Female



Features and Benefits

- Locking tang for secure housing retention

Reference Information

Use With: 51021

Designed In: Millimeters

Electrical

Voltage: 125V max.

Current: 1.0A max.

Physical

Contact: Phosphor Bronze

Plating: Tin

Insulation Range: 50058—1.00mm dia. max.

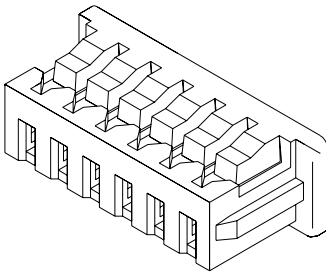
50079—1.04mm dia. max.

Strip Length: 1.40 to 1.90mm

Order No.	Wire Range AWG	Packaging	Lead-free
50079-8000	26 - 28	Reel	Yes
50058-8000	28 - 32		
50079-8100	26 - 28	Bag	
50058-8100	28 - 32		

1.25mm (.049") Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Receptacle

51021



Features and Benefits

- Sizes 2 to 15 circuits
- Housing lance provides extra terminal retention
- Friction locks provide secure mating

Reference Information

Product Specification: Refer to Mates With items

Packaging: Bag

UL File No.: E29179

CSA File No.: LR19980

Use With: 50079/50058

Mates With: 53398, 53261, 53047, 53048

Designed In: Millimeters

Electrical

Voltage: 125V max.

Current: 1.0A max.

Contact Resistance: 20 milliohms max.

Dielectric Withstanding Voltage: 250V AC/1 min.

Insulation Resistance: 100 Megohms min.

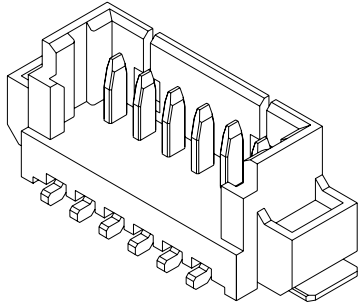
Physical

Housing: PBTP, UL 94V-0

Circuits	Order No.
2	51021-0200
3	51021-0300
4	51021-0400
5	51021-0500
6	51021-0600
7	51021-0700
8	51021-0800

Circuits	Order No.
9	51021-0900
10	51021-1000
11	51021-1100
12	51021-1200
13	51021-1300
14	51021-1400
15	51021-1500

1.25mm (.049") Pitch PicoBlade™ Wire-to-Board Header 53398 Vertical, SMT



Features and Benefits

- Sizes 2 to 15 circuits
- Locking windows provide secure mating
- Fitting nails provide PCB hold-down and strain relief for SMT tails

Reference Information

Product Specification: PS-51021-024
Packaging: Embossed tape
Mates With: 51021
Designed In: Millimeters

Electrical

Voltage: 125V max.
Current: 1.0A max.
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 250V AC/1 min.
Insulation Resistance: 100 Megohms min.

Physical

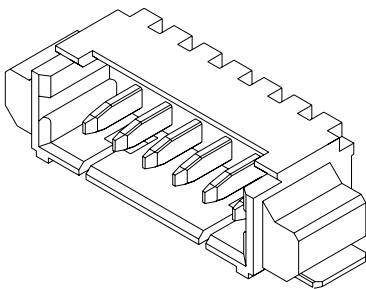
Housing: Nylon, UL 94V-0
Contact: Phosphor Bronze
Plating: Tin over Nickel
Fitting Nails: Phosphor Bronze, Tin over Nickel plating

Circuits	Order No.	Lead-free
2	53398-0271	Yes
3	53398-0371	
4	53398-0471	
5	53398-0571	
6	53398-0671	
7	53398-0771	
8	53398-0871	

Note: 53398-XX84 is available with High-Barrier (moisture protection) packaging.

Circuits	Order No.	Lead-free
9	53398-0971	Yes
10	53398-1071	
11	53398-1171	
12	53398-1271	
13	53398-1371	
14	53398-1471	
15	53398-1571	

1.25mm (.049") Pitch PicoBlade™ Wire-to-Board Header 53261 Right Angle, SMT



Features and Benefits

- Sizes 2 to 15 circuits
- Locking windows provide secure mating
- Metal solder tabs provide PCB hold-down and strain relief for SMT tails

Reference Information

Product Specification: PS-51021-024
Packaging: Embossed tape
UL File No.: E29179
CSA File No.: LR19980
Mates With: 51021
Designed In: Millimeters

Electrical

Voltage: 125V max.
Current: 1.0A max.
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 250V AC/1 min.
Insulation Resistance: 100 Megohms min.

Physical

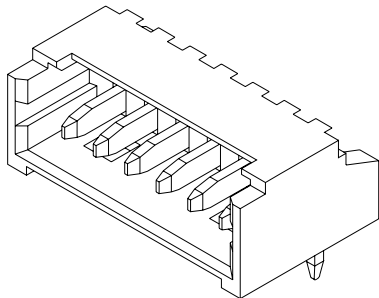
Housing: Nylon, UL 94V-0
Contact: Phosphor Bronze
Plating: Tin over Nickel
Fitting Nails: Phosphor Bronze, Tin over Nickel plating

Circuits	Order No.	Lead-free
2	53261-0271	Yes
3	53261-0371	
4	53261-0471	
5	53261-0571	
6	53261-0671	
7	53261-0771	
8	53261-0871	

Circuits	Order No.	Lead-free
9	53261-0971	Yes
10	53261-1071	
11	53261-1171	
12	53261-1271	
14	53261-1471	
15	53261-1571	



1.25mm (.049") Pitch PicoBlade™ Wire-to-Board Header 53048 Right Angle



Features and Benefits

- Sizes 2 to 15 circuits
- Locking windows provide secure mating

Reference Information

Product Specification: PS-51021-010
Packaging: Tray
Mates With: 51021
Designed In: Millimeters

Electrical

Voltage: 125V max.
Current: 1.0A max.
Contact Resistance: 20 milliohms max.
Dielectric Withstanding Voltage: 250V AC/1 min.
Insulation Resistance: 100 Megohms min.

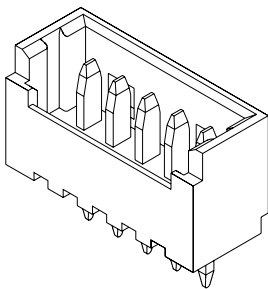
Physical

Housing: Nylon, UL 94V-0
Contact: Phosphor Bronze
Plating: Tin

Circuits	Order No.	Lead-free
2	53048-0210	Yes
3	53048-0310	
4	53048-0410	
5	53048-0510	
6	53048-0610	
7	53048-0710	
8	53048-0810	

Circuits	Order No.	Lead-free
9	53048-0910	Yes
10	53048-1010	
11	53048-1110	
12	53048-1210	
13	53048-1310	
14	53048-1410	
15	53048-1510	

1.25mm (.049") Pitch PicoBlade™ Wire-to-Board Header 53047 Vertical



Features and Benefits

- Sizes 2 to 15 circuits
- Locking windows provide secure mating

Reference Information

Product Specification: PS-51021-010
Packaging: Tray
Mates With: 51021
Designed In: Millimeters

Electrical

Voltage: 125V 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

Circuits	Order No.	Lead-free
2	53047-0210	Yes
3	53047-0310	
4	53047-0410	
5	53047-0510	
6	53047-0610	
7	53047-0710	
8	53047-0810	

Circuits	Order No.	Lead-free
9	53047-0910	Yes
10	53047-1010	
11	53047-1110	
12	53047-1210	
13	53047-1310	
14	53047-1410	
15	53047-1510	