

FEATURES AND SPECIFICATIONS

Features and Benefits

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

Reference Information

Packaging: Bag

UL File No.: E29179

CSA File No.: LR19980

Use With: [50079/50058](#)

Mates With: [53398](#), [53261](#), [53047](#), [53048](#) and [51047](#)

Designed In: Millimeters

Electrical

Voltage: 125V

Current: 1.0A

32 AWG—0.8A

Contact Resistance: 20mΩ max.

Dielectric Withstanding Voltage: 250V AC/1 min.

Insulation Resistance: 100 MΩ min.

Physical

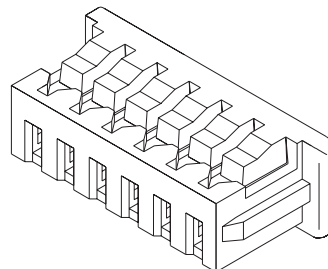
Housing: PBTP, UL 94V-0

Operating Temperature: -40 to +85°C



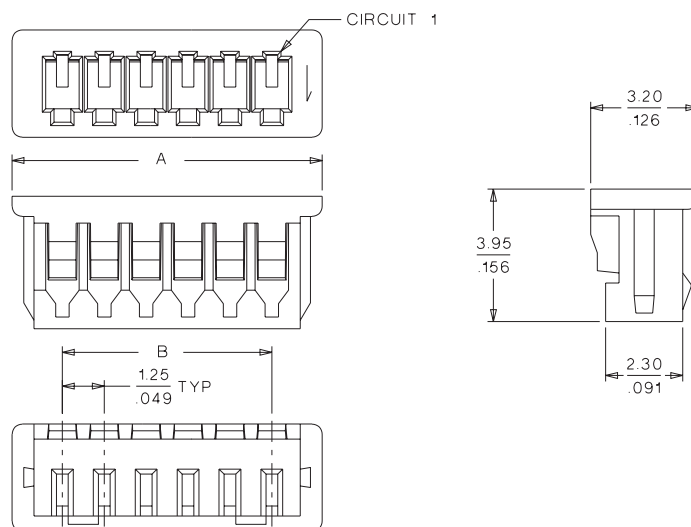
1.25mm (.049") Pitch Wire-to-Wire and Wire-to-Board Receptacle

51021



0.40 to 1.60mm (.016 to .063") Pitch

CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension	
		A	B
2	51021-0200	4.25 (.167)	1.25 (.049)
3	51021-0300	5.50 (.217)	2.50 (.098)
4	51021-0400	6.75 (.266)	3.75 (.148)
5	51021-0500	8.00 (.315)	5.00 (.197)
6	51021-0600	9.25 (.364)	6.25 (.246)
7	51021-0700	10.50 (.413)	7.50 (.295)
8	51021-0800	11.75 (.463)	8.75 (.344)
9	51021-0900	13.00 (.512)	10.00 (.393)
10	51021-1000	14.25 (.561)	11.25 (.441)
11	51021-1100	15.50 (.610)	12.50 (.492)
12	51021-1200	16.75 (.659)	13.75 (.541)
13	51021-1300	18.00 (.709)	15.00 (.590)
14	51021-1400	19.25 (.758)	16.25 (.639)
15	51021-1500	20.50 (.807)	17.50 (.688)

FEATURES AND SPECIFICATIONS

Features and Benefits

- Locking tang for secure housing retention

Reference Information

Packaging: Reel or bag

Use With: [51021](#)

Mates With: 51025 and [50133](#)

Designed In: Millimeters

Electrical

Voltage: 125V

Current: 1.0A

32 AWG—0.8A

Contact Resistance: 20mΩ max.

Dielectric Withstanding Voltage: 250V AC/1 min.

Insulation Resistance: 100 MΩ min.

Physical

Contact: Phosphor Bronze

Plating: Tin

Wire Range:

26 to 28 AWG—50079

28 to 32 AWG—50058

Insulation Range: 1.00mm dia. max.

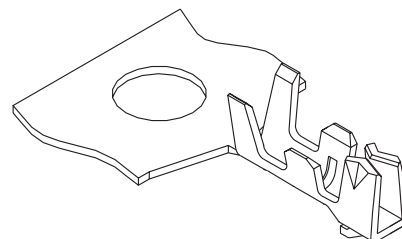
Strip Length: 1.40 to 1.90mm



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

50079/50058

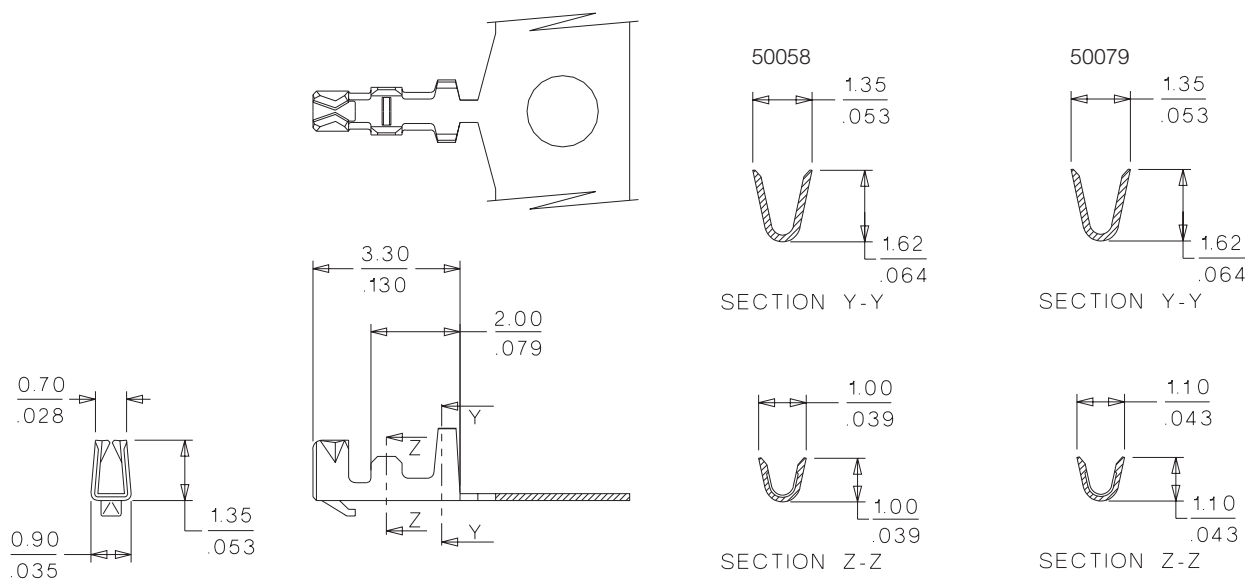
Female



0.40 to 1.60mm (.016 to .063") Pitch

A

CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION

Order No.	Wire Range AWG	Terminal
50079-8000	26 - 28	Reel
50058-8000	28 - 32	
50079-8100	26 - 28	Bag
50058-8100	28 - 32	