



# 1.27mm (.050") Pitch Picoflex® Discrete Wire

## 91935 (Housing) 91821 (Terminal) Housing and Terminal

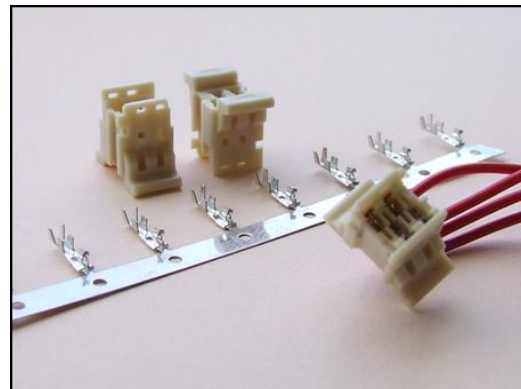
### FEATURES AND BENEFITS

[查询"91935-9024"供应商](#)

#### Discrete Wire Picoflex®

The discrete wire picoflex® is the latest addition to the picoflex® product family. It is a significant addition to the picoflex® product range and is capable of carrying 2.4A and the housing is glow wire compatible (ICE 60335). It mates with all existing picoflex® headers with standard circuit size ranging from 4 to 26. Ergonomic design enables easy of mating and un-mating which eliminates the requirement for an extraction tool. Samples and application tooling are available through your local sales office.

1st to market – no known competitors



Features	Benefits
<ul style="list-style-type: none"> <li>■ Glow wire compatible</li> </ul>	<ul style="list-style-type: none"> <li>■ Suitable for use in stand alone, unattended appliances</li> </ul>
<ul style="list-style-type: none"> <li>■ 2.4Amps</li> </ul>	<ul style="list-style-type: none"> <li>■ Can be used in power applications with specific headers</li> </ul>
<ul style="list-style-type: none"> <li>■ Easy grip finger tabs</li> </ul>	<ul style="list-style-type: none"> <li>■ Ease of mating and un-mating</li> <li>■ Extraction tool not required</li> <li>■ Increase customer production outputs</li> </ul>
<ul style="list-style-type: none"> <li>■ Robust crimp terminal design</li> </ul>	<ul style="list-style-type: none"> <li>■ Hand and semi-automatic crimp tooling available</li> <li>■ Mini-Mac compatible</li> <li>■ Low cost application tooling</li> </ul>
<ul style="list-style-type: none"> <li>■ 1st to market</li> </ul>	<ul style="list-style-type: none"> <li>■ No competitors</li> </ul>
<ul style="list-style-type: none"> <li>■ Standard interface design</li> </ul>	<ul style="list-style-type: none"> <li>■ Can be mated to all existing headers</li> </ul>

### SPECIFICATIONS

#### Specifications

##### Reference Information

Packaging: Bag/Reel  
Mates With: All picoflex® headers  
Glow-wire compatibility: IEC 60335  
Designed In: Millimeters

##### Electrical

Voltage: 250V max  
Current: 2.4A max  
Contact Resistance: 15 milliohms  
Dielectric Withstanding Voltage:  
750V AC  
Insulation Resistance: 1,000  
Megohms min

##### Mechanical

Contact Retention to Housing: 15N  
Mating Force: 1.7N max (Tin)  
1.1N max (Gold)  
Unmating Force: 0.25N  
Durability: 30 cycles (Tin)  
100 cycles (Gold)

##### Physical

Housing: PET 15% glass fill UL 94 V-0  
Contact: Copper alloy  
Plating:  
Contact Area — Tin or Gold  
Crimp Area — Tin  
Operating Temperature: -40°C to  
105°C

## APPLICATIONS

[查询"91935-9024"供应商](#)



**1.27mm (.050") Pitch  
Picoflex® Discrete Wire**

### Markets and Applications

- White goods
- Automotive
- Medical
- Industrial
- Other Markets
  - Suitable in any markets where signal and power connections are required

**91935 (Housing)**  
**91821 (Terminal)**  
**Housing and Terminal**



## ORDERING INFORMATION

Order No.	Circuit Size	Description	Plating
<a href="#">91935-9004</a>	4	Housing	N/A
<a href="#">91935-9006</a>	6	Housing	N/A
<a href="#">91935-9008</a>	8	Housing	N/A
<a href="#">91935-9010</a>	10	Housing	N/A
<a href="#">91935-9012</a>	12	Housing	N/A
<a href="#">91935-9014</a>	14	Housing	N/A
<a href="#">91935-9016</a>	16	Housing	N/A
<a href="#">91935-9018</a>	18	Housing	N/A
<a href="#">91935-9020</a>	20	Housing	N/A
<a href="#">91935-9022</a>	22	Housing	N/A
<a href="#">91935-9024</a>	24	Housing	N/A
<a href="#">91935-9026</a>	26	Housing	N/A
<a href="#">91821-0001</a>	N/A	Terminal	Tin
<a href="#">91821-0003</a>	N/A	Terminal	Gold



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**Americas Headquarters**  
2222 Wellington Ct.  
Lisle, Illinois 60532 USA  
1-800-78MOLEX  
amerinfo@molex.com

**Far East North  
Headquarters**  
Yamato, Kanagawa,  
Japan  
81-462-65-2324  
feninfo@molex.com

**Far East South  
Headquarters**  
Jurong, Singapore  
65-6-268-6868  
fesinfo@molex.com

**European Headquarters**  
Munich, Germany  
49-89-413092-0  
eurinfo@molex.com

**Corporate Headquarters**  
2222 Wellington Ct.  
Lisle, Illinois 60532 USA  
630-969-4550

Visit our Web site at <http://www.molex.com>