

FEATURES AND BENEFITS

[查询"91821-0001"供应商](#)



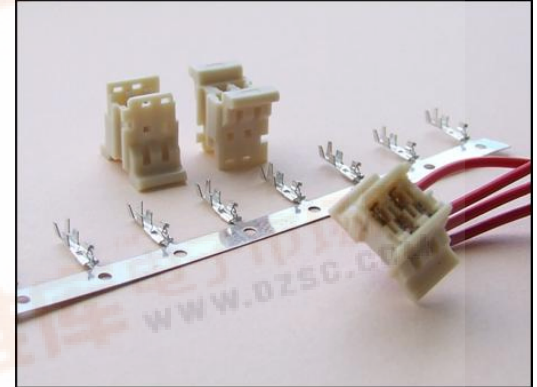
**1.27mm (.050") Pitch
Picoflex® Discrete Wire**

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

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



| Features | Benefits |
|--------------------------------|--|
| ■ Glow wire compatible | ■ Suitable for use in stand alone, unattended appliances |
| ■ 2.4Amps | ■ Can be used in power applications with specific headers |
| ■ Easy grip finger tabs | ■ Ease of mating and un-mating ■ Extraction tool not required ■ Increase customer production outputs |
| ■ Robust crimp terminal design | ■ Hand and semi-automatic crimp tooling available ■ Mini-Mac compatible ■ Low cost application tooling |
| ■ 1st to market | ■ No competitors |
| ■ Standard interface design | ■ Can be mated to all existing headers |

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

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**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 |
|----------------------------|--------------|-------------|---------|
| 91935-9004 | 4 | Housing | N/A |
| 91935-9006 | 6 | Housing | N/A |
| 91935-9008 | 8 | Housing | N/A |
| 91935-9010 | 10 | Housing | N/A |
| 91935-9012 | 12 | Housing | N/A |
| 91935-9014 | 14 | Housing | N/A |
| 91935-9016 | 16 | Housing | N/A |
| 91935-9018 | 18 | Housing | N/A |
| 91935-9020 | 20 | Housing | N/A |
| 91935-9022 | 22 | Housing | N/A |
| 91935-9024 | 24 | Housing | N/A |
| 91935-9026 | 26 | Housing | N/A |
| 91821-0001 | N/A | Terminal | Tin |
| 91821-0003 | N/A | Terminal | Gold |



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