



**Part Number :** [500588100](#)  
**Product Description :** 1.25mm Pitch, PicoBlade  
Female Crimp Terminal, Tin (Sn) Plating, 32-28 AWG,  
Bag  
**Series Number :** 50058  
**Status :** Not Recommended For New Design  
**Product Category :** Crimp Terminals  
**Packaging Alternative :** [500588000](#) (Reel)



## Documents & Resources

### Drawings

[SPK-50058-001-001.pdf](#)  
[SPK-50058-001-002.pdf](#)

### Specifications

[510210000-AS-000.pdf](#)  
[510210001-AS-000.pdf](#)  
[510211009-PS-000.pdf](#)  
[510211010-PS-000.pdf](#)  
[510211024-PS-000.pdf](#)  
[PS-51021-009-001.pdf](#)  
[PS-51021-024-001.pdf](#)  
[PS-51021-025-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44                                                                                  |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Compliant per 2000/53/EC                                                                                     |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                               |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(25 June 2025)                                                           |
| EU RoHS            | Compliant per EU 2015/863                                                                                    |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

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## Part Details

### General

|              |                                                                                 |
|--------------|---------------------------------------------------------------------------------|
| Status       | Not Recommended For New Design                                                  |
| Category     | Crimp Terminals                                                                 |
| Series       | 50058                                                                           |
| Description  | 1.25mm Pitch, PicoBlade Female Crimp Terminal, Tin (Sn) Plating, 32-28 AWG, Bag |
| Application  | Signal, Wire-to-Board, Wire-to-Wire                                             |
| Product Name | PicoBlade                                                                       |
| UPC          | 800753719620                                                                    |

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1.0A             |
| Voltage - Maximum             | 125V AC (RMS)/DC |

### Physical

|                                |                 |
|--------------------------------|-----------------|
| Durability (mating cycles max) | 30              |
| Gender                         | Female          |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Net Weight                     | 9.671/mg        |

|                             |                      |
|-----------------------------|----------------------|
| Packaging Type              | Bag                  |
| Plating min - Mating        | 0.889µm              |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter    | 0.50-1.00mm          |
| Wire Size (AWG)             | 28, 30, 32           |
| Wire Size mm <sup>2</sup>   | N/A                  |

## Mates With / Use With

### Use with Part(s)

| Description                              | Part Number  |
|------------------------------------------|--------------|
| PicoBlade Single Row Receptacle Housings | <u>51021</u> |

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## Application Tooling

### Global

| Description                                                                      | Part Number       |
|----------------------------------------------------------------------------------|-------------------|
| Extraction Tool for Micro-Fit Terminals                                          | <u>11030043</u>   |
| Hand Crimp Tool for 1.25mm Pitch PicoBlade Receptacle Crimp Terminals, 32-26 AWG | <u>2002181900</u> |

### Japan

| Description     | Part Number      |
|-----------------|------------------|
| Hand Crimp Tool | <u>570685000</u> |
| Extraction Tool | <u>570726000</u> |