



**Part Number :** [500798001](#)

**Product Description :** 1.25mm Pitch, PicoBlade Female Crimp Terminal, Tin (Sn) Plating, 28-26 AWG, Reel



**Series Number :** 50079

**Status :** Active

**Product Category :** Crimp Terminals

## Documents & Resources

### Drawings

[500798001\\_sd.pdf](#)

### 3D Models and Design Files

[500798001\\_stp.zip](#)

### Specifications

[SPK-50079-001-001.pdf](#)

[510211109-PS-000.pdf](#)

[510211110-PS-000.pdf](#)

[510211111-PS-000.pdf](#)

[510211124-PS-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 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	Active
Category	Crimp Terminals
Series	50079
Description	1.25mm Pitch, PicoBlade Female Crimp Terminal, Tin (Sn) Plating, 28-26 AWG, Reel
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	PicoBlade
UPC	195842202207

#### 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
Material - Plating Termination	Tin
Net Weight	9.980/mg
Packaging Type	Reel

Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	0.50-1.04mm
Wire Size (AWG)	26, 28
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
FA2 Mechanical Feed Crimp Applicator for 1.25mm Pitch PicoBlade Female Terminals, 28-26 AWG	<u>2130696200</u>
Hand Crimp Tool for 1.25mm Pitch PicoBlade Crimp Terminals, 32-28 AWG	<u>2002186300</u>

### Japan

Description	Part Number
S-1 Applicator for PicoBlade Receptacle Terminals, 32-26 AWG	<u>570673700</u>