



Part Number : [500588020](#)

Product Description : 1.25mm Pitch,
PicoBlade Female Crimp Terminal, Gold (Au)
Plating, 28-32 AWG, Reel

Series Number : 50058

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

[Drawing 500588020_sd.pdf](#)

3D Models and Design Files

[3D Model 500588020_stp.zip](#)

Specifications

[Application Specification 510210000-AS-000.pdf](#)

[Packaging Specification 500589200SPK-200.pdf](#)

[Product Specification 510210000-PS-000.pdf](#)

[Product Specification 510210001-PS-000.pdf](#)


[Product Specification 510210006-PS-000.pdf](#)

[Product Specification 510211000-PS-000.pdf](#)

[Product Specification 510211001-PS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2023)8585-DC (23 Jan 2024) |
| EU RoHS | Compliant per EU 2015/863 |

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

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

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | Crimp Terminals |
| Series | 50058 |
| Description | 1.25mm Pitch, PicoBlade Female Crimp Terminal, Gold (Au) Plating, 28-32 AWG, Reel |
| Application | Signal, Wire-to-Board, Wire-to-Wire |
| Product Family | PicoBlade Connector System |
| Product Name | PicoBlade |
| UPC | 193264576340 |

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 | Gold |
| Net Weight | 9.800/mg |
| Packaging Type | Reel |
| Plating min - Mating | 0.381µm |
| Termination Interface Style | Crimp or Compression |
| Wire Insulation Diameter | 1.00mm max |
| Wire Size (AWG) | 28, 30, 32 |
| Wire Size mm ² | N/A |

Use with Part(s)

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

Application Tooling**Global**

| Description | Part Number |
|---|-------------------|
| Hand Crimp Tool for 1.25mm Pitch PicoBlade Crimp Terminals, 28-32 AWG | <u>2002186300</u> |
| FA2 Mechanical Feed Crimp Applicator for 1.25mm Pitch PicoBlade Female Terminals, 28-32 AWG | <u>2130696100</u> |
| Hand Crimp Tool for 1.25mm Pitch PicoBlade Receptacle Crimp Terminals, 26-32 AWG | <u>2002181900</u> |

Application Tooling**Japan**

| Description | Part Number |
|---|------------------|
| S-1 Applicator for PicoBlade Receptacle Terminal, 28-32 AWG | <u>570673710</u> |