



**Part Number :** [500588020](#)  
**Product Description :** 1.25mm Pitch,  
PicoBlade Female Crimp Terminal, Gold (Au)  
Plating, 32-28 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(2024)4144-DC (27 June 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

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### Part Details

#### General

Status	Active
Category	Crimp Terminals
Series	50058
Description	1.25mm Pitch, PicoBlade Female Crimp Terminal, Gold (Au) Plating, 32-28 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 <sup>2</sup>	N/A

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

Application Tooling

Japan

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

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