



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

[500588020 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Specifications

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

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

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

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

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

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

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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(2025)4165-DC (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

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 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

Mates With / Use With

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, 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>

Japan

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

