



Part Number : [500588000](#)

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

Series Number : 50058

Status : Not Recommended For New Design

Product Category : Crimp Terminals



Documents and Resources

Drawings

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

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

Specifications

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

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

[500589200SPK-200.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](#)

Tooling Specifications

[500580000-CS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	 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)6375-DC (05 Nov 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	Not Recommended For New Design
Category	Crimp Terminals
Series	50058
Description	1.25mm Pitch, PicoBlade Female Crimp Terminal, Tin (Sn) Plating, 32-28 AWG, Reel
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	PicoBlade
UPC	800753576315

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	9.670/mg
Packaging Type	Reel
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 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
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>
FA2 Mechanical Feed Crimp Applicator for 1.25mm Pitch PicoBlade Female Terminals, 28-26 AWG	<u>2130690400</u>
Hand Crimp Tool for 1.25mm Pitch Terminals on a Metal Strip, 32-26 AWG	<u>638110000</u>
T2 Terminator Tooling Die	<u>639103700</u>

FA2 Pneumatic Feed Crimp Applicator for 1.25mm Pitch PicoBlade Female Terminals, 32-26 AWG	<u>2130690410</u>
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Japan

Description	Part Number
S-1 Applicator for PicoBlade Receptacle Terminals, 32-26 AWG	<u>570673700</u>
Extraction Tool	<u>570726000</u>