



Part Number : [501338000](#)

Series Number : 50133

Product Category : Crimp Terminals

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

Status : Active

Packaging Alternative : 501338100 (Bag)

Documents & Resources

Drawings

[Drawing 501338000_sd.pdf](#)

3D Models and Design Files

[3D Model 501338000_stp.zip](#)

Specifications


- [Application Specification 510210001-AS-000.pdf](#)
- [Packaging Specification 501339200-SPK-200.pdf](#)
- [Product Specification 510211009-PS-000.pdf](#)
- [Product Specification 510211109-PS-000.pdf](#)
- [Product Specification PS-51021-009-001.pdf](#)

Tooling Specifications

[Crimp Specification CS-50125_50133-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
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	50133
Description	1.25mm Pitch, PicoBlade Male Crimp Terminal, Tin (Sn) Plating, 28-32 AWG, Reel
Application	Signal, Wire-to-Wire
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753576131

Electrical

Current - Maximum per Contact	0.8A, 1.0A
Voltage - Maximum	125V

Physical

Gender	Male
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	15.916/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	0.914µm
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

Use with Part(s)

Description	Part Number
PicoBlade Single Row Plug Housings	<u>51047</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	<u>11030043</u>
Hand Crimp Tool for 1.25mm Pitch PicoBlade Crimp Terminals, 26-32 AWG	<u>2002182000</u>
FineAdjust Applicator for 1.25mm (.049") Pitch Wire-to-Wire Crimp Terminals, 26-32 AWG	<u>2037025900</u>
T2 Terminator Tooling Die	<u>639104200</u>

Application Tooling

Japan

Description	Part Number
Extraction Tool	<u>570726000</u>
S-1 Applicator for PicoBlade Terminals, 26-28 AWG and 28-32 AWG	<u>571383700</u>

This document was generated on May 06, 2024