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Part Number:

0501338000

Status:

Active

Overview:

PicoBlade Connector System

Description:

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



Series image - Reference only

- Documents:
- [Drawing \(PDF\)](#)

[3D Model \(PDF\)](#)

[3D Model](#)

[Product Specification 510211009-PS-000 \(PDF\)](#)

[Product Specification PS-51021-009-001 \(PDF\)](#)

[Application Specification 510210001-AS-000 \(PDF\)](#)

[Packaging Specification 501339200-SPK-200 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                    |
|--------------------------------|------------------------------------|
| General                        |                                    |
| Product Family                 | Crimp Terminals                    |
| Series                         | 50133                              |
| Application                    | Signal, Wire-to-Wire               |
| Crimp Quality Equipment        | Yes                                |
| Current Derating Order No      | 987651-3691                        |
| Overview                       | PicoBlade Connector System         |
| Packaging Alternative          | 501338100 (Loose)                  |
| Product Name                   | PicoBlade                          |
| UPC                            | 800753576131                       |
| Physical                       |                                    |
| Gender                         | Male                               |
| Material - Metal               | Phosphor Bronze                    |
| Material - Plating Mating      | Tin                                |
| Material - Plating Termination | Tin                                |
| Net Weight                     | 0.030/g                            |
| 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 mm²                  | N/A                                |
| Electrical                     |                                    |
| Current - Maximum per Contact  | 0.8A, 1.0A                         |
| Voltage - Maximum              | 125V                               |
| Material Info                  |                                    |
| Reference - Drawing Numbers    |                                    |
| Application Specification      | 510210001-AS-000                   |
| Crimp Specification            | CS-50125_50133-001                 |
| Packaging Specification        | 501339200-SPK-200                  |
| Product Specification          | 510211009-PS-000, PS-51021-009-001 |

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit

Contact US

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

50133 Series

Use With

51047 Crimp Housing

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

| Global                                                                |            |
|-----------------------------------------------------------------------|------------|
| Description                                                           | Product #  |
| Extraction Tool for Micro-Fit Terminals                               | 11030043   |
| Hand Crimp Tool for 1.25mm Pitch PicoBlade Crimp Terminals, 26-32 AWG | 2002182000 |
| FineAdjust Applicator for 1.25mm (.049") Pitch Wire-to-Wire           | 2037025900 |

| Crimp Terminals,<br>26-32 AWG                      |                  |
|----------------------------------------------------|------------------|
| T2 Terminator                                      | <u>639104200</u> |
| Tooling Die                                        |                  |
| Japan                                              |                  |
| Description                                        | Product #        |
| Extraction Tool                                    | <u>570726000</u> |
| Applicator for M211A                               | <u>571383000</u> |
| Bench Press, 26-32<br>AWG Wire                     |                  |
| S-1 Applicator for                                 | <u>571383700</u> |
| PicoBlade Terminals,<br>26-28 AWG and<br>28-32 AWG |                  |

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[50133-8000 \(Cut Strip\)](#) [50133-8000 \(Mouser Reel\)](#)