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 and 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	Compliant with Exemption 44; 33
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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

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- 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	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

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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	51021

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for 1.25mm Pitch PicoBlade Crimp Terminals, 32-28 AWG	2002186300
FA2 Mechanical Feed Crimp Applicator for 1.25mm Pitch PicoBlade Female Terminals, 32-28 AWG	2130696100
Hand Crimp Tool for 1.25mm Pitch PicoBlade Receptacle Crimp Terminals, 32-26 AWG	2002181900

Japan

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

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