Part Number : 500588100
Product Description : 1.25mm Pitch, PicoBlade Female Crimp Terminal, Tin (Sn) Plating, 32-28 AWG, Bag
Series Number : 50058
Status : Not Recommended For New Design
Product Category : Crimp Terminals
Packaging Alternative : 500588000 (Reel)



Documents and Resources

Drawings

SPK-50058-001-001.pdf

SPK-50058-001-002.pdf

Specifications

510210000-AS-000.pdf

510210001-AS-000.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

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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS

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- 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, Bag
Application	Wire-to-Board, Wire-to-Wire
Product Name	PicoBlade
UPC	800753719620

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	9.671/mg
Packaging Type	Bag

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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	51021

Application Tooling

Global

Description	Part Number
Extraction Tool for Micro-Fit Terminals	11030043
Hand Crimp Tool for 1.25mm Pitch PicoBlade Receptacle Crimp Terminals, 32-26 AWG	2002181900

Japan

Description	Part Number
Hand Crimp Tool	570685000
Extraction Tool	570726000

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