Part Number : 500588001
Product Description : 1.25mm Pitch, PicoBlade Female Crimp Terminal, Tin (Sn) Plating, 28-32 AWG, Reel
Series Number : 50058
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings
Drawing_500588001_sd.pdf

3D Models and Design Files
3D Model_500588001_stp.zip

Specifications
Packaging Specification_500589200SPK-200.pdf
Product Specification_510211109-PS-000.pdf
Product Specification_510211110-PS-000.pdf
Product Specification_510211111-PS-000.pdf
Product Specification_510211124-PS-000.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	50058
Description	1.25mm Pitch, PicoBlade Female Crimp Terminal, Tin (Sn) Plating, 28-32 AWG, Reel
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	195842202191

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
Material - Plating Termination	Tin
Net Weight	9.740/mg
Packaging Type	Reel
Plating min - Mating	0.889µm
Plating min - Termination	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

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

Application Tooling

Japan

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