Part Number : 533984012

Product Description : 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Gold Flash Plating, 12 Circuits, Tape and Reel

Series Number : 53398

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing 533984012_sd.pdf

3D Models and Design Files

2D Drawing DXF 533984012.dxf
2D Drawing DXF (PDF) 533984012.pdf
3D Model 533984012_stp.zip

Specifications

Application Specification 510210000-AS-000.pdf
Packaging Specification SPK-53398-002-001.pdf
Product Specification 510210001-PS-000.pdf
Product Specification 510211001-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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	PCB Headers and Receptacles
Series	53398
Description	1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Gold Flash Plating, 12 Circuits, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	193264576845

Agency

UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No

Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	5.70mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Resin	Polyamide
Net Weight	350.230/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PC Tail Length	0.60mm
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	1.25mm
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
PicoBlade Single Row Receptacle Housings	51021