Part Number : 510211300
Product Description : 1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 13 Circuits, Natural
Series Number : 51021
Status : Active
Product Category : Connector Housings



Documents and Resources

Drawings

510211300_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

510211300.dxf

Specifications

510210000-AS-000.pdf

SPK-51021-001-001.pdf

510210000-PS-000.pdf

510210001-PS-000.pdf

510210006-PS-000.pdf

510211000-PS-000.pdf

510211001-PS-000.pdf

510211010-PS-000.pdf

510211024-PS-000.pdf

510211110-PS-000.pdf

510211111-PS-000.pdf

510211124-PS-000.pdf

PS-51021-024-001.pdf

PS-51021-025-001.pdf

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Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)6375-DC (05 Nov 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements
- 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	Connector Housings
Series	51021
Description	1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 13 Circuits, Natural
Application	Signal, Wire-to-Board, Wire-to-Wire

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Product Name	PicoBlade
UPC	800753575271

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	13
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	114.400/mg
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
PicoBlade Vertical, Single Row, Through Hole Headers	53047
PicoBlade Right-Angle, Single Row, Through Hole Headers	53048
PicoBlade Right-Angle, Single Row, Surface Mount Headers	53261
PicoBlade Vertical, Single Row,	53398

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Surface Mount Headers	
PicoBlade Single Row Plug Housings	51047

Use with Part(s)

Description	Part Number
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 150.00mm Length, 26 AWG, Black	797580006
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 300.00mm Length, 26 AWG, Black	797580014
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 152.00mm Length, 28 AWG, Red	797581059
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 304.00mm Length, 28 AWG, Red	797581060
Pre-Crimped Lead PicoBlade Female-to-Pigtail, Tin (Sn) Plating, 304.00mm Length, 28 AWG, Red	797581061
PicoBlade Female Crimp Terminals	50058
PicoBlade Female Crimp Terminals	50079
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female	214920
Pre-Crimped Lead PicoBlade Female-to-Pigtail	214921

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