Part Number : 510470800
Product Description : 1.25mm Pitch, PicoBlade Plug Crimp Housing, Single Row, Friction Lock, 8 Circuits, Natural
Series Number : 51047
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

510470800_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

510470800.dxf

Specifications

510210001-AS-000.pdf

510479200-SPK-200.pdf

510211009-PS-000.pdf

510211109-PS-000.pdf

PS-51021-009-001.pdf

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)4165-DC (25 June 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	51047
Description	1.25mm Pitch, PicoBlade Plug Crimp Housing, Single Row, Friction Lock, 8 Circuits, Natural
Application	Signal, Wire-to-Wire
Product Name	PicoBlade
UPC	800753756939

Agency

UL	E29179

Physical

Circuits (maximum)	8
Color - Resin	Natural
Gender	Plug
Glow-Wire Capable	No

Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	141.400/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 +85°C

Mates With / Use With

Mates with Part(s)

Description	Part Number
PicoBlade Single Row Receptacle Housings	51021
PicoBlade Female-to-PicoBlade Female Off-the-Shelf (OTS) Cable Assemblies	15134

Use with Part(s)

Description	Part Number
PicoBlade Male Crimp Terminals	50125
PicoBlade Male Crimp Terminals	50133
Pre-Crimped Lead PicoBlade Male-to-PicoBlade Male	214922
Pre-Crimped Lead PicoBlade Male-to-Pigtail	214923