



Part Number : 905841310

Series Number : 90584

Product Category : Connector Housings

Product Description : 1.27mm Pitch Picoflex
PF-50 IDT Receptacle, Low Profile, Board-in,
10 Circuits

Status : Active

Documents & Resources

Drawings

Drawing 905841310_sd.pdf

3D Models and Design Files

3D Model 905841310_stp.zip

Specifications


Application Specification 908140000-AS-000.pdf

Packaging Specification PK-90584-001-001.pdf

Product Specification PS-99020-0011-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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	Connector Housings
Series	90584
Description	1.27mm Pitch Picoflex PF-50 IDT Receptacle, Low Profile, Board-in, 10 Circuits
Comments	Low Profile
Component Type	One Piece
Product Family	Picoflex Ribbon-Cable Connectors
Product Name	Picoflex
UPC	800753756243

Agency

UL	E29179
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Electrical

Voltage - Maximum	250V
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Physical

Circuits (Loaded)	10
Color - Resin	Natural
Durability (mating cycles max)	30
Entry Angle	90° Angle
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin

Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	0.680/g
Number of Rows	2
Packaging Type	Tube
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	1.27mm
Plating min - Mating	2.032μm
Plating min - Termination	2.032μm
Polarized to Mating Part	N/A
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Kinked Pin
Wire/Cable Type	Ribbon Cable
Wire Insulation Diameter	1.00mm max.
Wire Size (AWG)	26, 28

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	230

Application Tooling

Global

Description	Part Number
PremiumGrade Hand Crimp Tool for Picoflex PF-50 IDT Receptacle, 4-26 Circuits, 26 or 28 AWG Flat Cable, 1.00mm max. Thickness	<u>690081090</u>
Arbor Press Fixture	<u>690201902</u>

