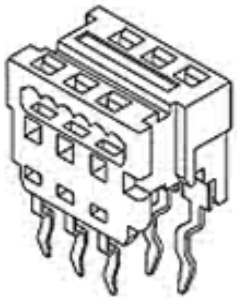
Part Number : 905841316
Product Description : 1.27mm Pitch Picoflex PF-50 IDT Receptacle, Low Profile, Board-in, 16 Circuits
Series Number : 90584
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

905841316_sd.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

908140000-AS-000.pdf

PK-90584-001-001.pdf

PS-99020-0011-001.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	90584
Description	1.27mm Pitch Picoflex PF-50 IDT Receptacle, Low Profile, Board-in, 16 Circuits
Comments	Low Profile
Component Type	One Piece
Product Name	Picoflex
UPC	800753662278

Agency

UL	E29179

Electrical

Voltage - Maximum	250V

Physical

Circuits (Loaded)	16
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	0.997/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

Lead-Free Process Capability	WAVE

Application Tooling

Global

Description	Part Number

PremiumGrade Hand Crimp Tool for Picoflex PF-50 IDT Receptacle, 4-26 Circuits, 28-26 AWG Flat Cable, 1.00mm max. Thickness	690081090
Arbor Press Fixture	690201902