

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0905841322

Status:

Active

Overview:

Picoflex Ribbon-Cable Connectors

Description:

1.27mm Pitch Picoflex PF-50 IDT Receptacle, Low Profile, Board-in, 22 Circuits

Documents:

3D Model

Drawing (PDF)

3D Model (PDF)

Product Specification PS-99020-0011-001 (PDF)

Application Specification 908140000-AS-000 (PDF)

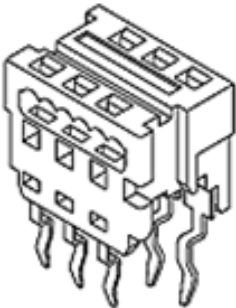
Packaging Specification PK-90584-001-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification		
UL		E29179
General		
Product Family		Ribbon Cable / Wire Trap Connectors
Series		90584
Comments		Low Profile
Component Type		One Piece
Gender		Receptacle
Glow-Wire Capable		No
Overview		Picoflex Ribbon-Cable Connectors
Product Name		Picoflex
Taxonomy		Connector Housings
UPC		756054673645

Physical		
Circuits (Loaded)		22
Color - Resin		Natural
Durability (mating cycles max)		30
Entry Angle		90° Angle
Flammability		94V-0
Lock to Mating Part		None
Material - Metal		Phosphor Bronze
Material - Plating Mating		Tin
Material - Plating Termination		Tin
Material - Resin		Polyester
Net Weight		1.617/g
Number of Rows		2
PCB Locator		No
PCB Retention		Yes
PCB Thickness - Recommended		1.60mm
Packaging Type		Tube
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
Surface Mount Compatible (SMC)		No
Temperature Range - Operating		-40° to +105°C
Termination Interface: Style		Through Hole - Kinked Pin
Wire Insulation Diameter		1.00mm max.
Wire Size AWG		26, 28
Wire/Cable Type		Ribbon Cable

Electrical



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Not Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

90584 Series

Mates With

N/A

Application Tooling | [FAQ](#)

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global	
Description	Product #
PremiumGrade Hand Crimp Tool for Picoflex PF-50 IDT Receptacle, 4-26 Circuits, 26 or 28 AWG Flat Cable, 1.00mm max. thickness	690081090
Arbor Press Fixture	690201902
Arbor Press Fixture	690201908

Current - Maximum per Contact	1.2A
Voltage - Maximum	250V

Material Info

Reference - Drawing Numbers

Application Specification	908140000-AS-000
Packaging Specification	PK-90584-001-001
Product Specification	PS-99020-0011-001
Sales Drawing	SDA-90584-001, SDA-90584-002

This document was generated on 02/01/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION