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Part Number: [90584-1310](#)
Status: **Active**
Overview: [Picoflex® Connectors](#)
Description: 1.27mm Pitch Picoflex® PF-50 IDT Receptacle, Low Profile, Board-In, 10 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-99020-0011 \(PDF\)](#)
[Packaging Specification PK-90584-001 \(PDF\)](#)
[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
Glow-Wire Compliant No
MolexKits Yes
Overview [Picoflex® Connectors](#)
Product Name Board-In, Picoflex®
UPC 800753756243

Physical

Circuits (Loaded) 10
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 0.680/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°C 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

Current - Maximum per Contact 1.2A

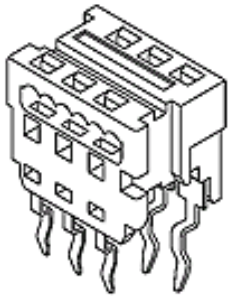


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Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Not Reviewed
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[90584Series](#)

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 #
Arbor Press Fixture	0690201902
Semi-Automatic	0691271010
Bench Press PB16 with Auto De-tubing	
Handtool for Connectors, 4-26 Circuit	0690081090
Arbor Press Fixture	0690201908

Voltage - Maximum	250V
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Solder Process Data

Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	230

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-90584-001
Product Specification	PS-99020-0011
Sales Drawing	SDA-90584

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