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**Part Number:** [0905841318](#)  
**Status:** **Active**  
**Overview:** [Picoflex® Ribbon-Cable Connectors](#)  
**Description:** 1.27mm Pitch Picoflex® PF-50 IDT Receptacle, Low Profile, Board-In, 18 Circuits

**Documents:**

[3D Model](#) [Packaging Specification PK-90584-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-99020-0011 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

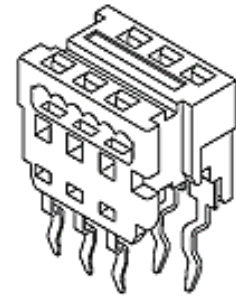
Product Family Ribbon Cable / Wire Trap Connectors  
Series [90584](#)  
Comments Low Profile  
Component Type One Piece  
Glow-Wire Compliant No  
MolexKits Yes  
Overview [Picoflex® Ribbon-Cable Connectors](#)  
Product Name Board-In, Picoflex®  
UPC 800753662025

**Physical**

Circuits (Loaded) 18  
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 1.131/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  
Voltage - Maximum 250V



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[90584 Series](#)

**Mates With**

N/A

**Solder Process Data**

Lead-free Process Capability

WAVE

**Material Info****Reference - Drawing Numbers**

Packaging Specification

PK-90584-001-001

Product Specification

PS-99020-0011

Sales Drawing

SDA-90584

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