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Part Number: [90584-2312](#)
Status: **Active**
Overview: [Picoflex® Connectors](#)
Description: 1.27mm Pitch Picoflex® PF-50 IDT Receptacle, Low Profile, Board-In, 12 Circuits

Documents:

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

General

| | |
|---------------------|--------------------------------------|
| Product Family | Ribbon Cable / Wire Trap Connectors |
| Series | 90584 |
| Comments | Low Profile |
| Component Type | One Piece |
| Glow-Wire Compliant | No |
| Overview | Picoflex® Connectors |
| Product Name | Board-In, Picoflex® |
| UPC | 800753661691 |

Physical

| | |
|--------------------------------|---------------------------|
| Circuits (Loaded) | 12 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| Entry Angle | 90° Angle |
| Lock to Mating Part | None |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 0.802/g |
| Number of Rows | 2 |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Packaging Type | Tube - Stacked |
| 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 |

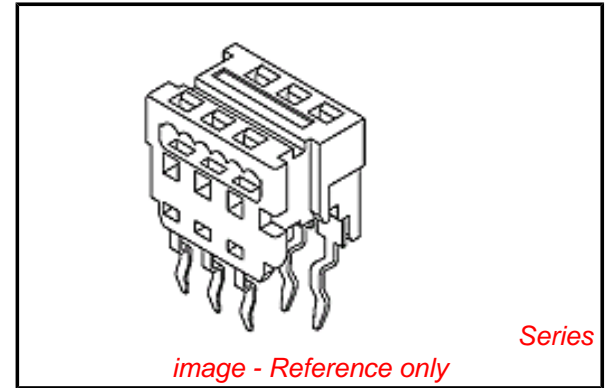
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|---------------|
| Product Specification | PS-99020-0011 |
| Sales Drawing | SDA-90584 |



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 |
|---------------------|------------|

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